

10/760,509

Welcome to STN International! Enter x:x

LOGINID:sssptal611bxv

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

\* \* \* \* \* Welcome to STN International \* \* \* \* \*

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NEWS 2 "Ask CAS" for self-help around the clock  
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resulting in a closer connection to BABS  
NEWS 4 AUG 02 IFIPAT/IFIUDB/IFICDB reloaded with new search and display  
fields  
NEWS 5 AUG 02 CPlus and CA patent records enhanced with European and Japan  
Patent Office Classifications  
NEWS 6 AUG 02 The Analysis Edition of STN Express with Discover!  
(Version 7.01 for Windows) now available  
NEWS 7 AUG 27 BIOCOMMERCE: Changes and enhancements to content coverage  
NEWS 8 AUG 27 BIOTECHABS/BIOTECHDS: Two new display fields added for legal  
status data from INPADOC  
NEWS 9 SEP 01 INPADOC: New family current-awareness alert (SDI) available  
NEWS 10 SEP 01 New pricing for the Save Answers for SciFinder Wizard within  
STN Express with Discover!  
NEWS 11 SEP 01 New display format, HITSTR, available in WPIDS/WPINDEX/WPIX  
NEWS 12 SEP 27 STANDARDS will no longer be available on STN  
NEWS 13 SEP 27 SWETSCAN will no longer be available on STN  
NEWS 14 OCT 28 KOREAPAT now available on STN

NEWS EXPRESS OCTOBER 29 CURRENT WINDOWS VERSION IS V7.01A, CURRENT  
MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),  
AND CURRENT DISCOVER FILE IS DATED 11 AUGUST 2004  
NEWS HOURS STN Operating Hours Plus Help Desk Availability  
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NEWS WWW CAS World Wide Web Site (general information)

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\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 11:21:21 ON 07 NOV 2004

=> file reg  
COST IN U.S. DOLLARS

SINCE FILE TOTAL

10/760,509

FULL ESTIMATED COST

ENTRY	SESSION
0.21	0.21

FILE 'REGISTRY' ENTERED AT 11:21:32 ON 07 NOV 2004  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
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Property values tagged with IC are from the ZIC/VINITI data file  
provided by InfoChem.

STRUCTURE FILE UPDATES: 5 NOV 2004 HIGHEST RN 775356-23-5  
DICTIONARY FILE UPDATES: 5 NOV 2004 HIGHEST RN 775356-23-5

TSCA INFORMATION NOW CURRENT THROUGH MAY 21, 2004

Please note that search-term pricing does apply when  
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

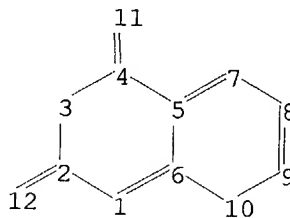
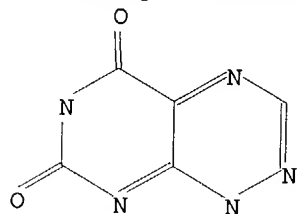
Experimental and calculated property data are now available. For more  
information enter HELP PROP at an arrow prompt in the file or refer  
to the file summary sheet on the web at:  
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=> ....Testing the current file.... screen

ENTER SCREEN EXPRESSION OR (END):end

=>

Uploading C:\STNEXP4\QUERIES\10760509.str



chain nodes :

11 12

ring nodes :

1 2 3 4 5 6 7 8 9 10

chain bonds :

2-12 4-11

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-10 7-8 8-9 9-10

exact/norm bonds :

1-2 1-6 2-3 2-12 3-4 4-5 4-11 5-6 5-7 6-10 7-8 8-9 9-10

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom  
11:CLASS 12:CLASS

10/760,509

L1        STRUCTURE UPLOADED

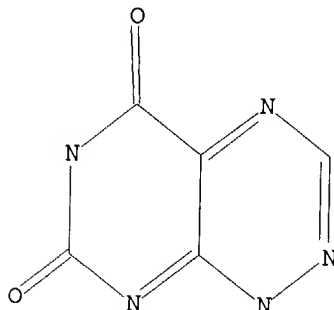
=> que L1

L2        QUE L1

=> d l1

L1 HAS NO ANSWERS

L1                STR



Structure attributes must be viewed using STN Express query preparation.

=> s l1 sss sam

SAMPLE SEARCH INITIATED 11:21:51 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED -        41 TO ITERATE

100.0% PROCESSED        41 ITERATIONS

SEARCH TIME: 00.00.01

19 ANSWERS

FULL FILE PROJECTIONS:    ONLINE    \*\*COMPLETE\*\*  
                              BATCH    \*\*COMPLETE\*\*

PROJECTED ITERATIONS:        436 TO        1204

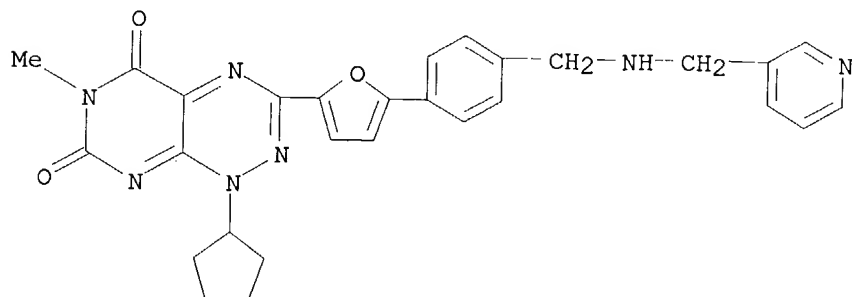
PROJECTED ANSWERS:            119 TO        641

L3                19 SEA SSS SAM L1

=> d scan

10/760,509

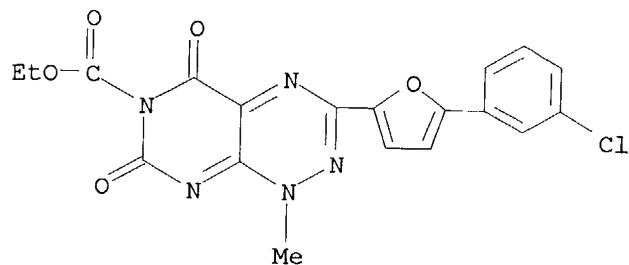
L3 19 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
IN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-cyclopentyl-6-methyl-3-  
[5-[4-[[3-pyridinylmethyl)amino]methyl]phenyl]-2-furanyl]- (9CI)  
MF C28 H27 N7 O3





10/760,509

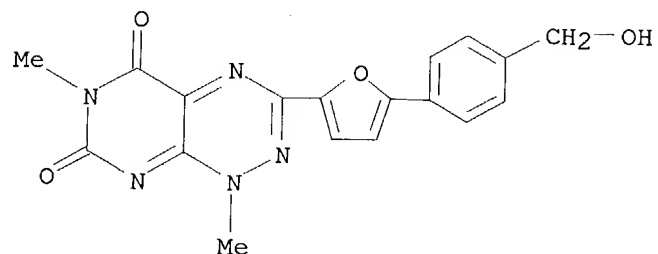
L3 19 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
IN Pyrimido[5,4-e]-1,2,4-triazine-6(5H)-carboxylic acid, 3-[5-(3-chlorophenyl)-2-furanyl]-1,7-dihydro-1-methyl-5,7-dioxo-, ethyl ester (9CI)  
MF C19 H14 Cl N5 O5



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

10/760,509

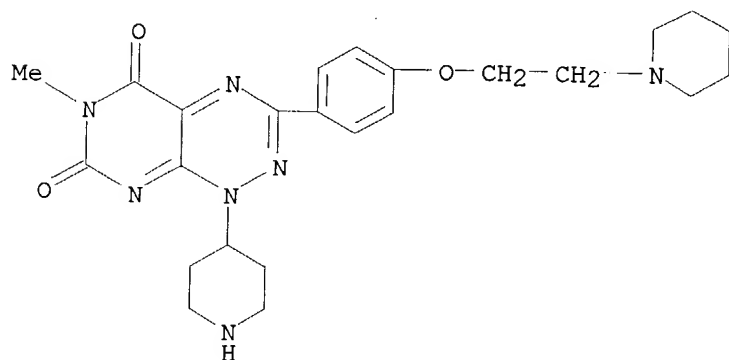
L3 19 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
IN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[5-[4-(  
(hydroxymethyl)phenyl]-2-furanyl]-1,6-dimethyl- (9CI)  
MF C18 H15 N5 O4



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

10/760,509

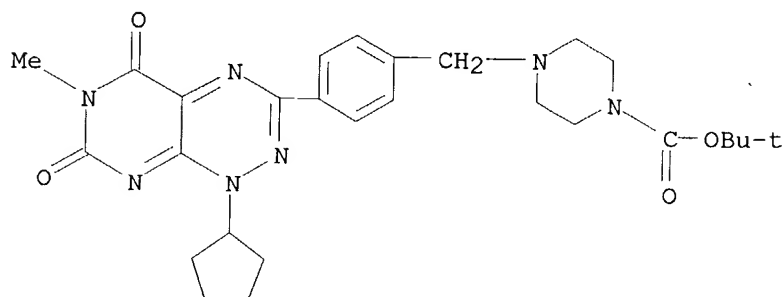
L3 19 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
IN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-1-(4-  
piperidinyl)-3-[4-[2-(1-piperidinyl)ethoxy]phenyl]- (9CI)  
MF C24 H31 N7 O3



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

10/760,509

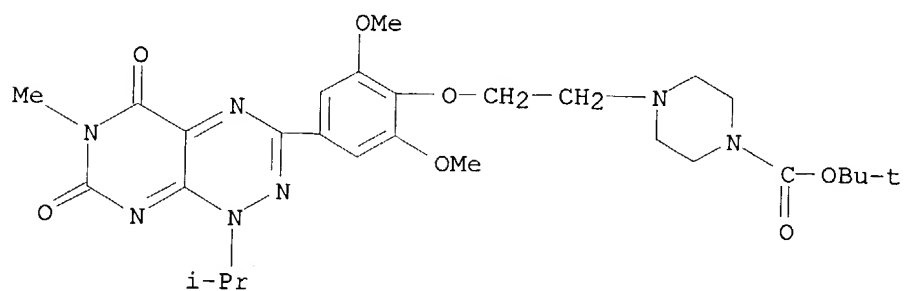
L3 19 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
IN 1-Piperazinecarboxylic acid, 4-[[4-(1-cyclopentyl-1,5,6,7-tetrahydro-6-methyl-5,7-dioxypyrimido[5,4-e]-1,2,4-triazin-3-yl)phenyl)methyl]-, 1,1-dimethylethyl ester (9CI)  
MF C27 H35 N7 O4



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

10/760,509

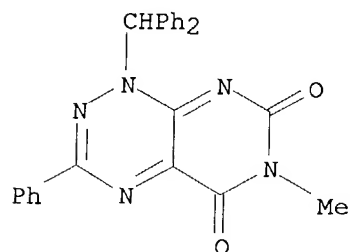
L3 19 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
IN 1-Piperazinecarboxylic acid, 4-[2-[2,6-dimethoxy-4-[1,5,6,7-tetrahydro-6-methyl-1-(1-methylethyl)-5,7-dioxypyrimido[5,4-e]-1,2,4-triazin-3-yl]phenoxy]ethyl]-, 1,1-dimethylethyl ester (9CI)  
MF C28 H39 N7 O7



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

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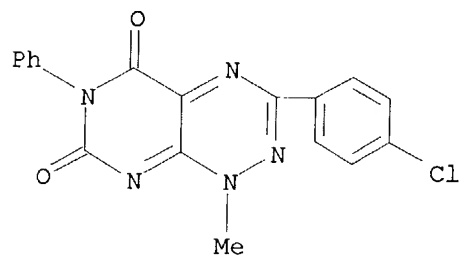
L3 19 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
IN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-(diphenylmethyl)-6-  
methyl-3-phenyl- (9CI)  
MF C25 H19 N5 O2



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

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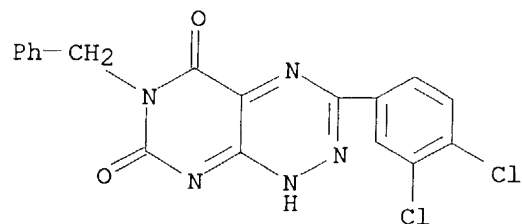
L3 19 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
IN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-chlorophenyl)-1-  
methyl-6-phenyl- (9CI)  
MF C18 H12 Cl N5 O2



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

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L3 19 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
IN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3,4-dichlorophenyl)-6-(phenylmethyl)- (9CI)  
MF C18 H11 Cl2 N5 O2

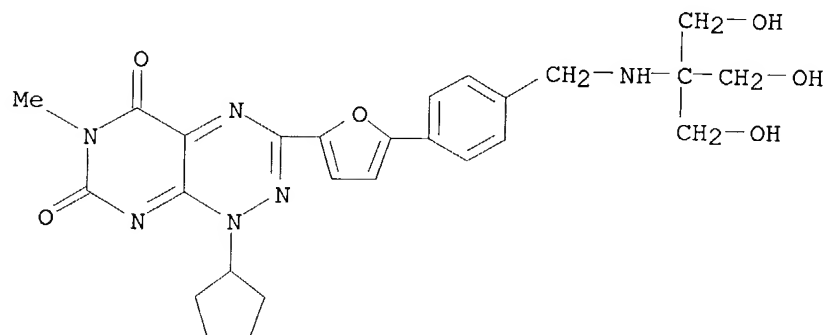


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*



10/760,509

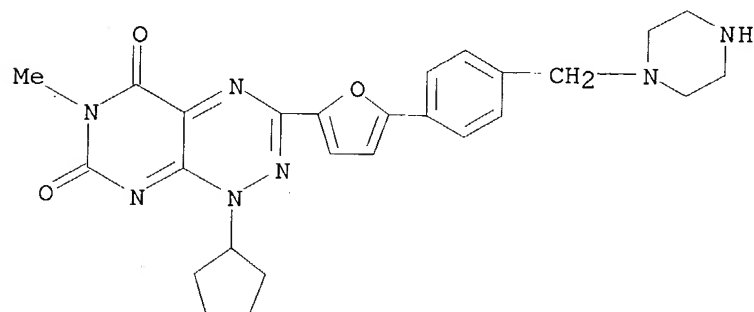
L3 19 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
IN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-cyclopentyl-3-[5-[4-  
[[2-hydroxy-1,1-bis(hydroxymethyl)ethyl]amino]methyl]phenyl]-2-furanyl]-6-  
methyl- (9CI)  
MF C26 H30 N6 O6



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

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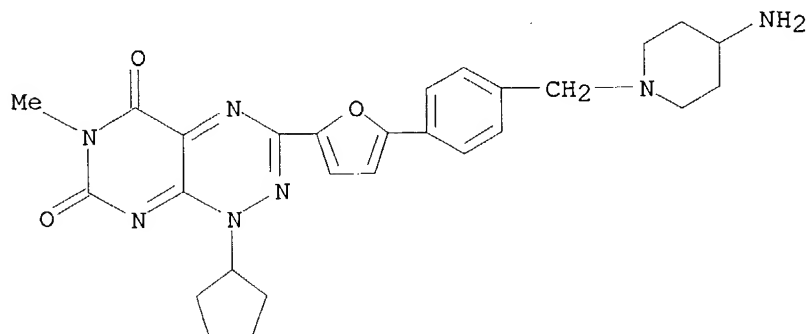
L3 19 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
IN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-cyclopentyl-6-methyl-3-  
[5-[4-(1-piperazinylmethyl)phenyl]-2-furanyl]- (9CI)  
MF C26 H29 N7 O3



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

10/760,509

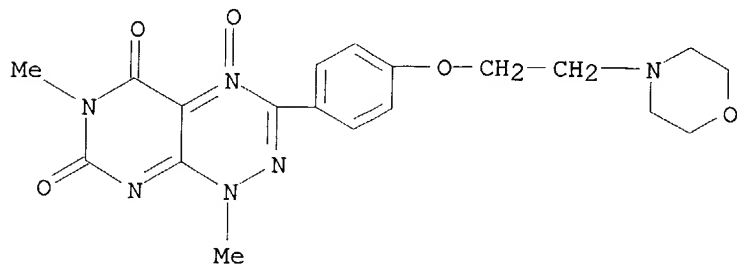
L3 19 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
IN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[5-[4-[(4-amino-1-  
piperidinyl)methyl]phenyl]-2-furanyl]-1-cyclopentyl-6-methyl- (9CI)  
MF C27 H31 N7 O3



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

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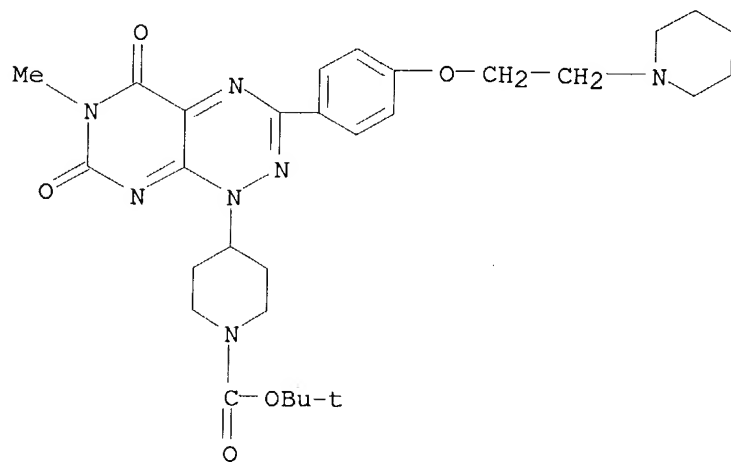
L3 19 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
IN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-[4-[2-(4-morpholinyl)ethoxy]phenyl]-, 4-oxide (9CI)  
MF C19 H22 N6 O5



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

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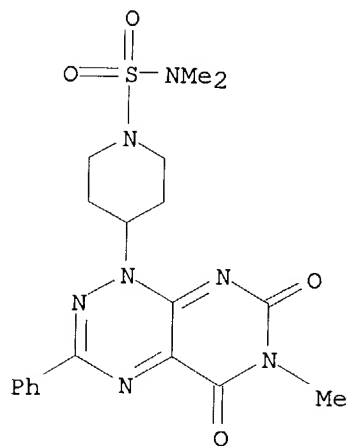
L3 19 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
IN 1-Piperidinecarboxylic acid, 4-[6,7-dihydro-6-methyl-5,7-dioxo-3-[4-[2-(1-piperidinyl)ethoxy]phenyl]pyrimido[5,4-e]-1,2,4-triazin-1(5H)-yl]-,  
1,1-dimethylethyl ester (9CI)  
MF C29 H39 N7 O5



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

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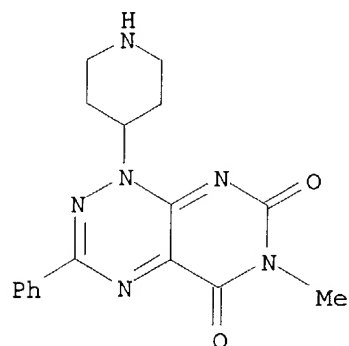
L3 19 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
IN 1-Piperidinesulfonamide, 4-(6,7-dihydro-6-methyl-5,7-dioxo-3-  
phenylpyrimido[5,4-e]-1,2,4-triazin-1(5H)-yl)-N,N-dimethyl- (9CI)  
MF C19 H23 N7 O4 S



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L3 19 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
IN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-3-phenyl-1-(4-  
piperidinyl)- (9CI)  
MF C17 H18 N6 O2

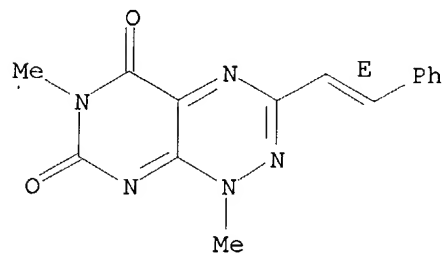


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

10/760,509

L3 19 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
IN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-(2-  
phenylethenyl)-, (E)- (9CI)  
MF C15 H13 N5 O2

Double bond geometry as shown.

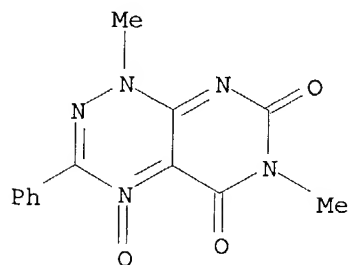


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*



10/760,509

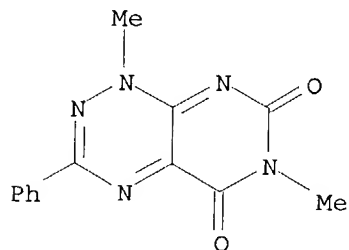
L3 19 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
IN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-phenyl-,  
4-oxide (9CI)  
MF C13 H11 N5 O3



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L3 19 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
IN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-phenyl-  
(9CI)  
MF C13 H11 N5 O2  
CI COM



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

ALL ANSWERS HAVE BEEN SCANNED

10/760,509

=> s l1 sss ful

FULL SEARCH INITIATED 11:22:27 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED - 894 TO ITERATE

100.0% PROCESSED 894 ITERATIONS  
SEARCH TIME: 00.00.01

364 ANSWERS

L4 364 SEA SSS FUL L1

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
155.84	156.05

FULL ESTIMATED COST

FILE 'CAPLUS' ENTERED AT 11:22:33 ON 07 NOV 2004  
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FILE COVERS 1907 - 7 Nov 2004 VOL 141 ISS 20  
FILE LAST UPDATED: 6 Nov 2004 (20041106/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s l4

L5 132 L4

=> d l5 1-132 bib hitstr

L5 ANSWER 1 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
 AN 2004:605439 CAPLUS  
 DN 141:157139  
 TI Preparation of pyrimido(5,4-e)(1,2,4)triazin-5,7-diones as phosphotyrosine  
 phosphatase 1B inhibitors for the treatment of type II diabetes.  
 IN Petry, Stefan; Baringhaus, Karl-Heinz; Tennagels, Norbert; Mueller,  
 Guenter  
 PA Aventis Pharma Deutschland GmbH, Germany  
 SO Ger. Offen., 20 pp.  
 CODEN: GWXXBX  
 DT Patent  
 LA German  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 10301788	A1	20040729	DE 2003-10301788	20030120
	WO 2004065387	A1	20040805	WO 2004-EP40	20040107

W: AE, AE, AG, AL, AL, AM, AM, AM, AT, AT, AU, AU, AZ, AZ, BA, BB,  
 BG, BG, BR, BR, BW, BY, BY, BZ, BZ, CA, CH, CN, CN, CO, CO, CR,  
 CR, CU, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EC, EC, EE, EE, EG,  
 ES, ES, FI, FI, GB, GD, GE, GE, GH, GH, GH, GM, HR, HR, HU, HU,  
 ID, IL, IN, IS, JP, JP, KE, KE, KG, KG, KP, KP, KP, KR, KR, KZ,  
 KZ, KZ, LC, LK, LR, LS, LS, LT, LU, LV, MA, MD, MD, MG, MK, MN,  
 MW, MX, MX, MZ

PRAI DE 2003-10301788 A 20030120

OS MARPAT 141:157139

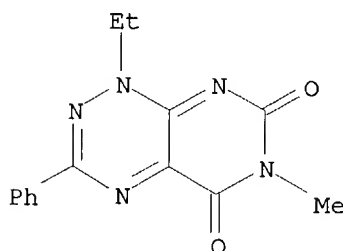
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 729598-90-7P 729598-91-8P 729598-92-9P  
 729598-93-0P 729598-94-1P 729598-95-2P  
 729598-96-3P 729598-97-4P 729598-98-5P  
 729598-99-6P 729599-00-2P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU  
 (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES  
 (Uses)

(preparation of pyrimidotriazinylidiones as phosphotyrosine phosphatase 1B  
 inhibitors for the treatment of type II diabetes.)

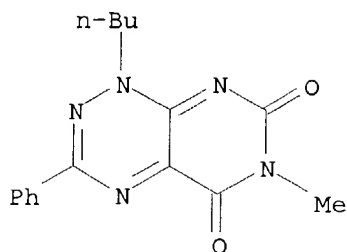
RN 164520-05-2 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-ethyl-6-methyl-3-phenyl-  
 (9CI) (CA INDEX NAME)



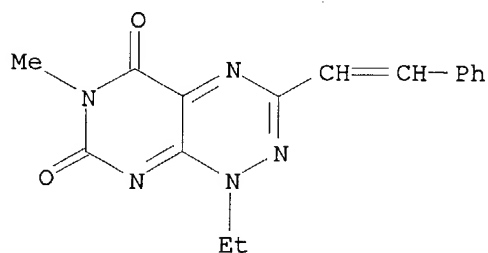
RN 164520-07-4 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-butyl-6-methyl-3-phenyl-  
 (9CI) (CA INDEX NAME)



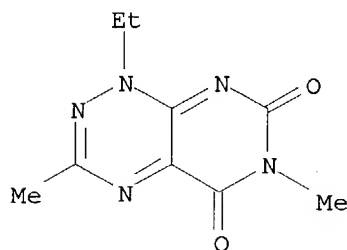
RN 296266-46-1 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-ethyl-6-methyl-3-(2-phenylethenyl)- (9CI) (CA INDEX NAME)



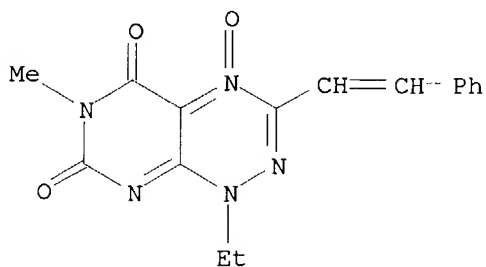
RN 462087-83-8 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-ethyl-3,6-dimethyl- (9CI) (CA INDEX NAME)



RN 524039-89-2 CAPLUS

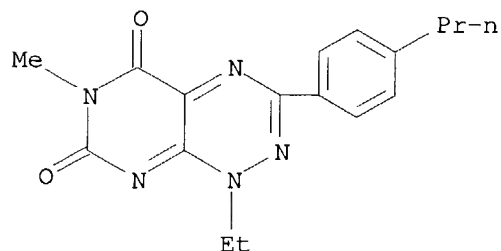
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-ethyl-6-methyl-3-(2-phenylethenyl)-, 4-oxide (9CI) (CA INDEX NAME)



10/760,509

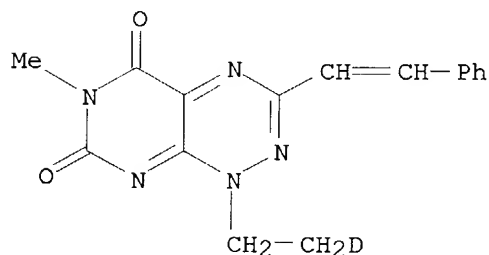
RN 729598-89-4 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-ethyl-6-methyl-3-(4-propylphenyl)- (9CI) (CA INDEX NAME)



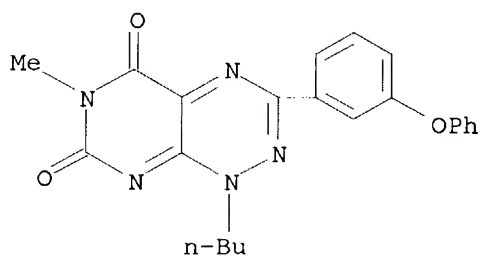
RN 729598-90-7 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-(ethyl-2-d)-6-methyl-3-(2-phenylethenyl)- (9CI) (CA INDEX NAME)



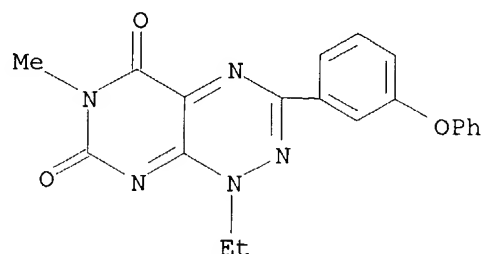
RN 729598-91-8 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-butyl-6-methyl-3-(3-phenoxyphenyl)- (9CI) (CA INDEX NAME)

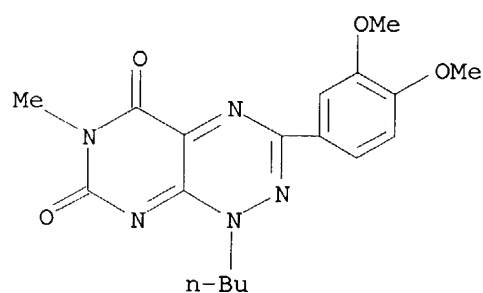


RN 729598-92-9 CAPLUS

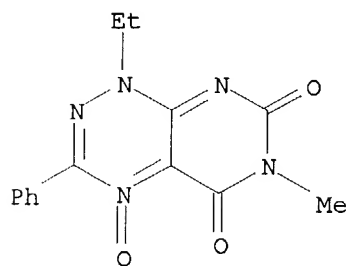
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-ethyl-6-methyl-3-(3-phenoxyphenyl)- (9CI) (CA INDEX NAME)



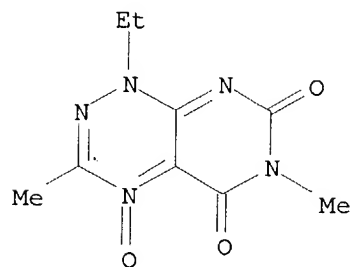
RN 729598-93-0 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-butyl-3-(3,4-dimethoxyphenyl)-6-methyl- (9CI) (CA INDEX NAME)



RN 729598-94-1 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-ethyl-6-methyl-3-phenyl-, 4-oxide (9CI) (CA INDEX NAME)

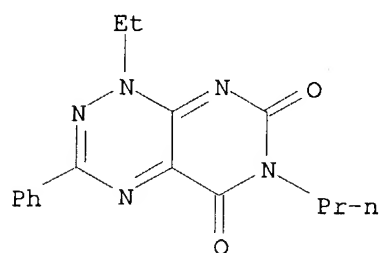


RN 729598-95-2 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-ethyl-3,6-dimethyl-, 4-oxide (9CI) (CA INDEX NAME)



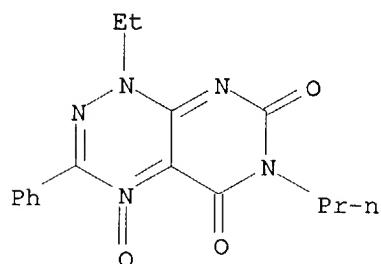
RN 729598-96-3 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-ethyl-3-phenyl-6-propyl-  
(9CI) (CA INDEX NAME)



RN 729598-97-4 CAPLUS

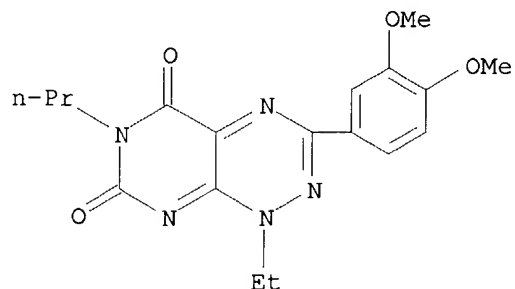
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-ethyl-3-phenyl-6-propyl-  
, 4-oxide (9CI) (CA INDEX NAME)



RN 729598-98-5 CAPLUS

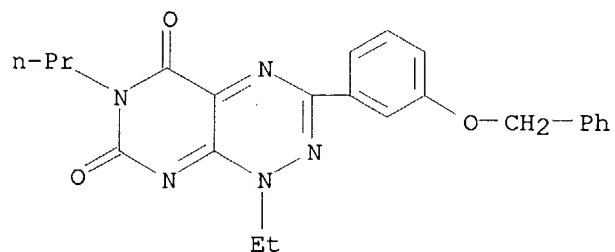
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3,4-dimethoxyphenyl)-1-  
ethyl-6-propyl- (9CI) (CA INDEX NAME)





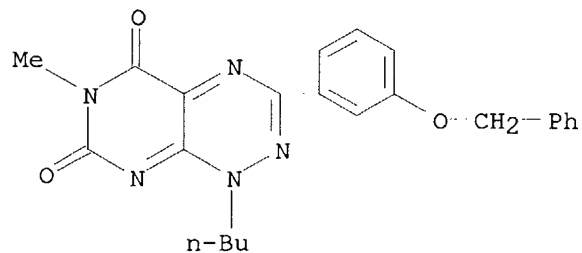
RN 729598-99-6 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-ethyl-3-[3-(phenylmethoxy)phenyl]-6-propyl- (9CI) (CA INDEX NAME)



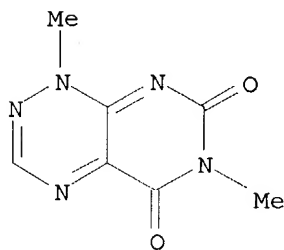
RN 729599-00-2 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-butyl-6-methyl-3-[3-(phenylmethoxy)phenyl]- (9CI) (CA INDEX NAME)



10/760,509

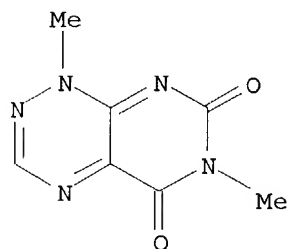
L5 ANSWER 2 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 2004:544522 CAPLUS  
DN 141:255221  
TI Essential regulator gene toxR for toxoflavin biosynthesis of Burkholderia  
glumae  
AU Shingu, Yoshinori; Yoneyama, Katsuyoshi  
CS Faculty of Agriculture, Meiji University, Kawasaki, Kanagawa, 214-8571,  
Japan  
SO Journal of General Plant Pathology (2004), 70(2), 108-114  
CODEN: JGPPBQ; ISSN: 1345-2630  
PB Phytopathological Society of Japan  
DT Journal  
LA English  
IT **84-82-2P**, Toxoflavin  
RL: BPN (Biosynthetic preparation); BSU (Biological study, unclassified);  
BIOL (Biological study); PREP (Preparation)  
(biosynthesis; essential regulator gene toxR for toxoflavin  
biosynthesis of Burkholderia glumae)  
RN 84-82-2 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA  
INDEX NAME)



RE.CNT 25 THERE ARE 25 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

10/760,509

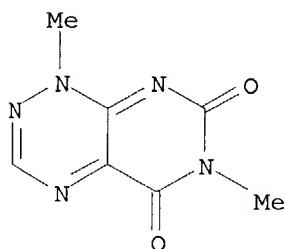
L5 ANSWER 3 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 2004:544520 CAPLUS  
DN 141:289754  
TI Molecular characterization of the tox operon involved in toxoflavin  
biosynthesis of Burkholderia glumae  
AU Suzuki, Fumihiko; Sawada, Hiroyuki; Azegami, Koji; Tsuchiya, Kenichi  
CS Department of Biological Safety, National Institute for Agro-Environmental  
Sciences, Tsukuba, Japan  
SO Journal of General Plant Pathology (2004), 70(2), 97-107  
CODEN: JGPPBQ; ISSN: 1345-2630  
PB Phytopathological Society of Japan  
DT Journal  
LA English  
IT **84-82-2**, Toxoflavin  
RL: BSU (Biological study, unclassified); BIOL (Biological study)  
(sequence of tox operon involved in toxoflavin biosynthesis of  
Burkholderia glumae)  
RN 84-82-2 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA  
INDEX NAME)



RE.CNT 43 THERE ARE 43 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

10/760,509

L5 ANSWER 4 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 2004:115832 CAPLUS  
DN 140:331973  
TI Small-molecule antagonists of the oncogenic Tcf/ $\beta$ -catenin protein complex  
AU Lepourcelet, Maina; Chen, Ying-Nan P.; France, Dennis S.; Wang, Huisheng; Crews, Phillip; Petersen, Frank; Bruseo, Charles; Wood, Alexander W.; Shivdasani, Ramesh A.  
CS Departments of Medical Oncology and Cancer Biology, Dana-Farber Cancer Institute, Boston, MA, 02115, USA  
SO Cancer Cell (2004), 5(1), 91-102  
CODEN: CCAECI; ISSN: 1535-6108  
PB Cell Press  
DT Journal  
LA English  
IT **84-82-2**, PKF 118-310  
RL: PAC (Pharmacological activity); BIOL (Biological study)  
(small-mol. antagonists of the oncogenic Tcf/ $\beta$ -catenin protein complex)  
RN 84-82-2 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA INDEX NAME)



RE.CNT 68 THERE ARE 68 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

10/760,509

L5 ANSWER 5 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 2004:60512 CAPLUS  
DN 140:111195  
TI Preparation and formulation of 3-furanyl analogs of toxoflavine as kinase inhibitors  
IN Lacrampe, Jean Fernand Armand; Connors, Richard William; Ho, Chih Yung; Richardson, Alan; Freyne, Eddy Jean Edgard; Buijnsters, Peter Jacobus Johannes; Bakker, Annette Cornelia  
PA Janssen Pharmaceutica N.V., Belg.  
SO PCT Int. Appl., 80 pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004007499	A1	20040122	WO 2003-EP50293	20030708
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			

PRAI EP 2002-77822 A 20020715

OS CASREACT 140:111195; MARPAT 140:111195

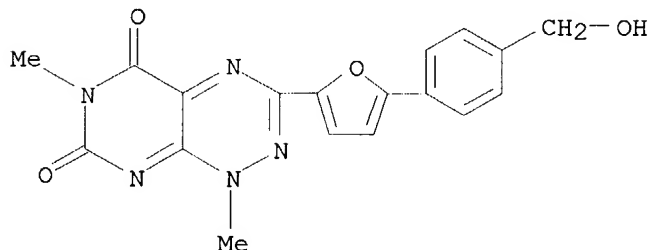
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647022-95-5P 647022-96-6P 647022-98-8P  
647023-00-5P 647023-01-6P 647023-02-7P  
647023-05-0P 647023-08-3P 647023-33-4P

RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)

(preparation of 3-furanyl analogs of toxoflavin as kinase inhibitors)

RN 647022-78-4 CAPLUS

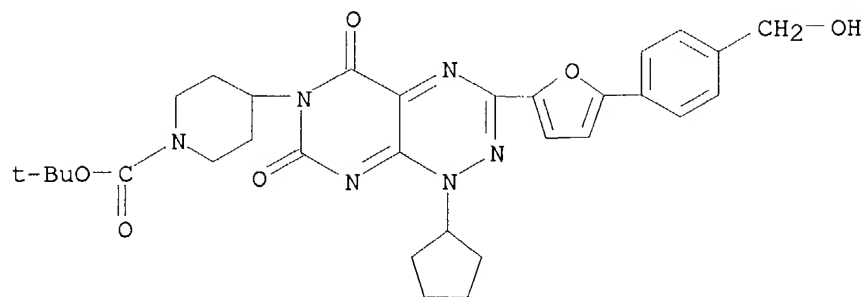
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[5-[4-(hydroxymethyl)phenyl]-2-furanyl]-1,6-dimethyl- (9CI) (CA INDEX NAME)



RN 647022-87-5 CAPLUS

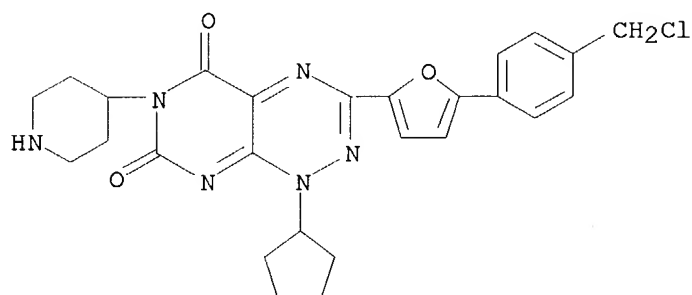
CN 1-Piperidinecarboxylic acid, 4-[1-cyclopentyl-1,7-dihydro-3-[5-[4-(hydroxymethyl)phenyl]-2-furanyl]-5,7-dioxypyrimido[5,4-e]-1,2,4-triazin-

6(5H)-yl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



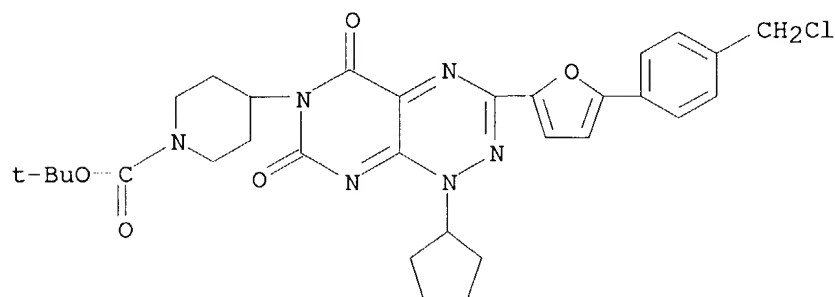
RN 647022-88-6 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[5-[4-(chloromethyl)phenyl]-2-furanyl]-1-cyclopentyl-6-(4-piperidinyl)- (9CI)  
(CA INDEX NAME)



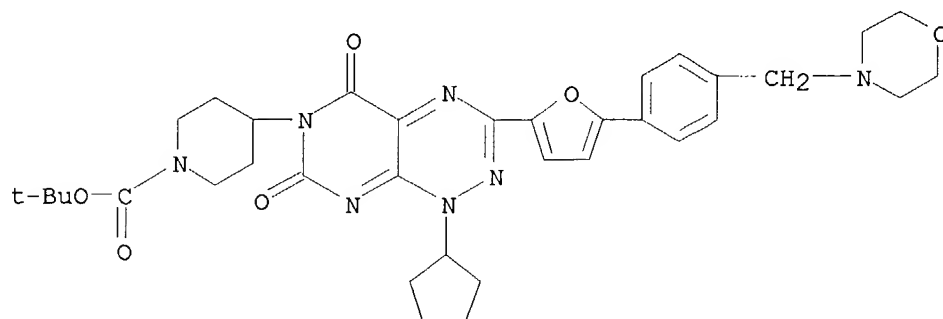
RN 647022-89-7 CAPLUS

CN 1-Piperidinecarboxylic acid, 4-[3-[5-[4-(chloromethyl)phenyl]-2-furanyl]-1-cyclopentyl-1,7-dihydro-5,7-dioxopyrimido[5,4-e]-1,2,4-triazin-6(5H)-yl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



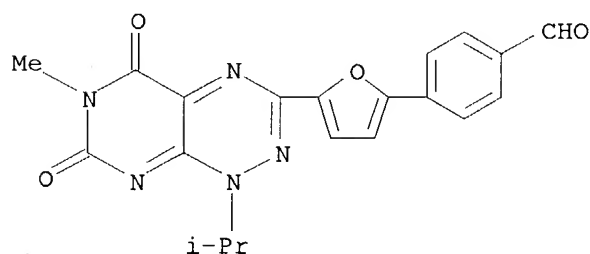
RN 647022-90-0 CAPLUS

CN 1-Piperidinecarboxylic acid, 4-[1-cyclopentyl-1,7-dihydro-3-[5-[4-(4-morpholinylmethyl)phenyl]-2-furanyl]-5,7-dioxopyrimido[5,4-e]-1,2,4-triazin-6(5H)-yl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



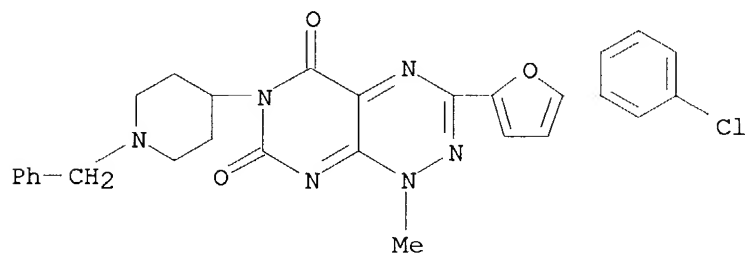
RN 647022-93-3 CAPLUS

CN Benzaldehyde, 4-[5-[1,5,6,7-tetrahydro-6-methyl-1-(1-methylethyl)-5,7-dioxypyrimido[5,4-e]-1,2,4-triazin-3-yl]-2-furanyl]- (9CI) (CA INDEX NAME)



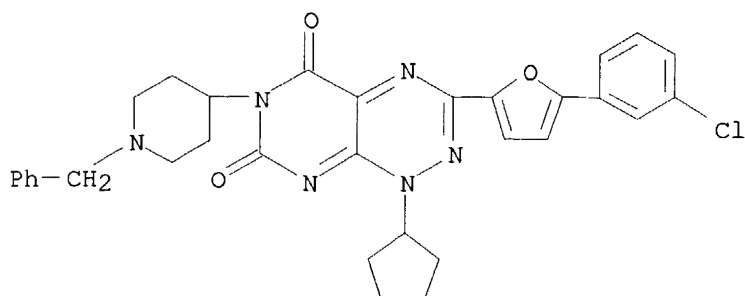
RN 647022-95-5 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[5-(3-chlorophenyl)-2-furanyl]-1-methyl-6-[1-(phenylmethyl)-4-piperidinyl]- (9CI) (CA INDEX NAME)



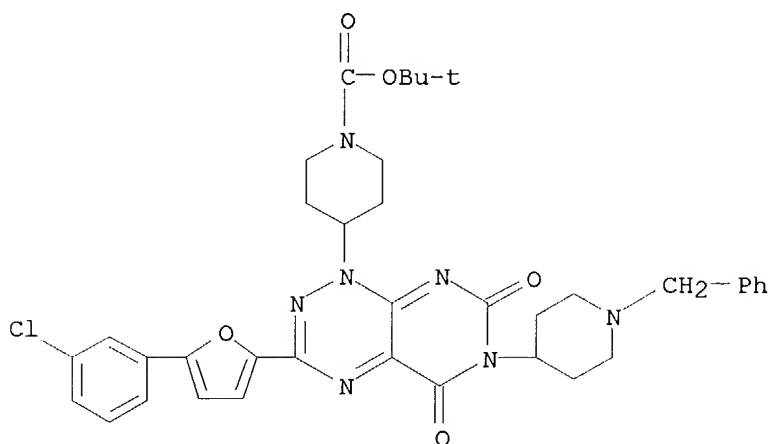
RN 647022-96-6 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[5-(3-chlorophenyl)-2-furanyl]-1-cyclopentyl-6-[1-(phenylmethyl)-4-piperidinyl]- (9CI) (CA INDEX NAME)



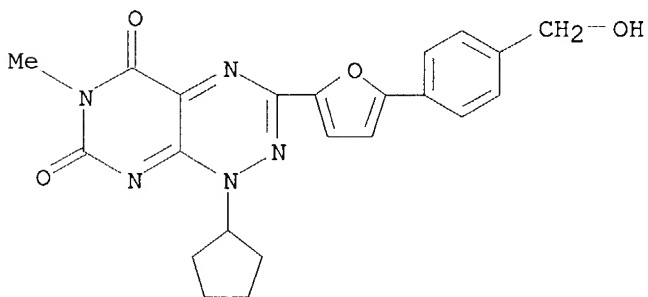
RN 647022-98-8 CAPLUS

CN 1-Piperidinecarboxylic acid, 4-[3-[5-(3-chlorophenyl)-2-furanyl]-6,7-dihydro-5,7-dioxo-6-[1-(phenylmethyl)-4-piperidinyl]pyrimido[5,4-e]-1,2,4-triazin-1(5H)-yl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



RN 647023-00-5 CAPLUS

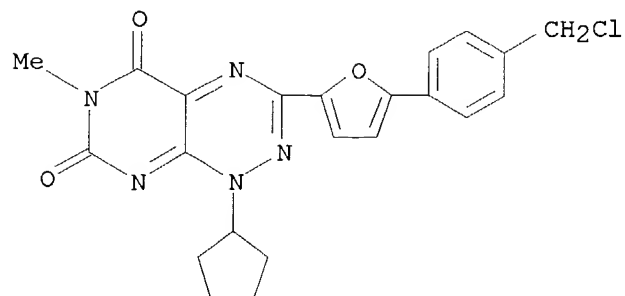
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-cyclopentyl-3-[5-[4-(hydroxymethyl)phenyl]-2-furanyl]-6-methyl- (9CI) (CA INDEX NAME)



RN 647023-01-6 CAPLUS

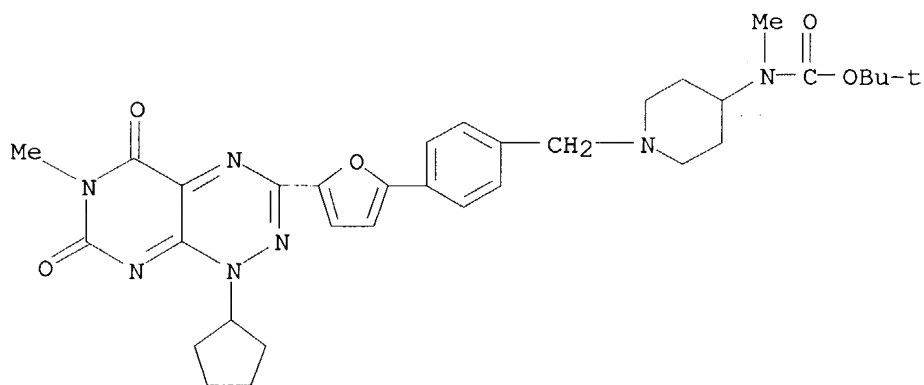
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[5-[4-(chloromethyl)phenyl]-2-furanyl]-1-cyclopentyl-6-methyl- (9CI) (CA INDEX NAME)





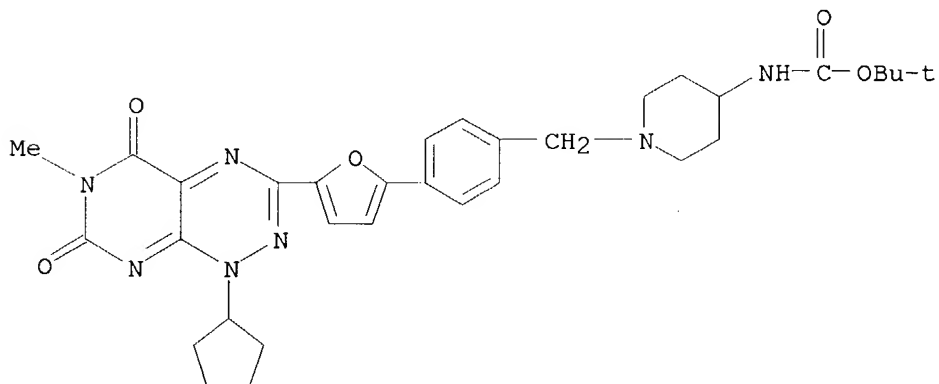
RN 647023-02-7 CAPLUS

CN Carbamic acid, [1-[[4-[5-(1-cyclopentyl-1,5,6,7-tetrahydro-6-methyl-5,7-dioxypyrimido[5,4-e]-1,2,4-triazin-3-yl)-2-furanyl]phenyl]methyl]-4-piperidinyl]methyl-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



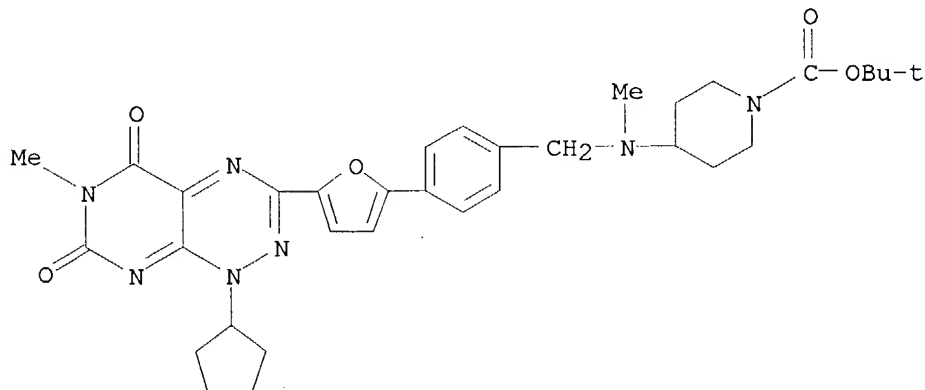
RN 647023-05-0 CAPLUS

CN Carbamic acid, [1-[[4-[5-(1-cyclopentyl-1,5,6,7-tetrahydro-6-methyl-5,7-dioxypyrimido[5,4-e]-1,2,4-triazin-3-yl)-2-furanyl]phenyl]methyl]-4-piperidinyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



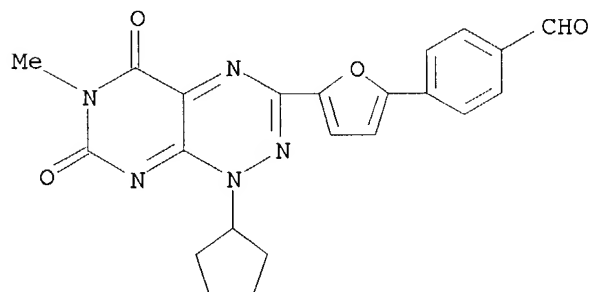
RN 647023-08-3 CAPLUS

CN 1-Piperidinecarboxylic acid, 4-[[[4-[5-(1-cyclopentyl-1,5,6,7-tetrahydro-6-methyl-5,7-dioxypyrimido[5,4-e]-1,2,4-triazin-3-yl)-2-furanyl]phenyl]methyl]methylamino]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



RN 647023-33-4 CAPLUS

CN Benzaldehyde, 4-[5-(1-cyclopentyl-1,5,6,7-tetrahydro-6-methyl-5,7-dioxypyrimido[5,4-e]-1,2,4-triazin-3-yl)-2-furanyl]- (9CI) (CA INDEX NAME)



IT 647022-71-7P 647022-72-8P 647022-73-9P  
 647022-74-0P 647022-75-1P 647022-76-2P  
 647022-77-3P 647022-79-5P 647022-80-8P  
 647022-81-9P 647022-82-0P 647022-83-1P  
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 647023-27-6P 647023-28-7P 647023-29-8P  
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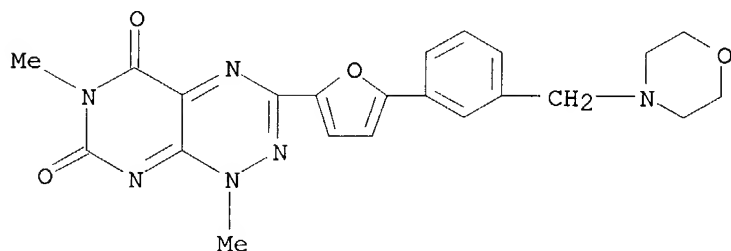
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RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU  
 (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES  
 (Uses)

(preparation of 3-furanyl analogs of toxoflavin as kinase inhibitors)

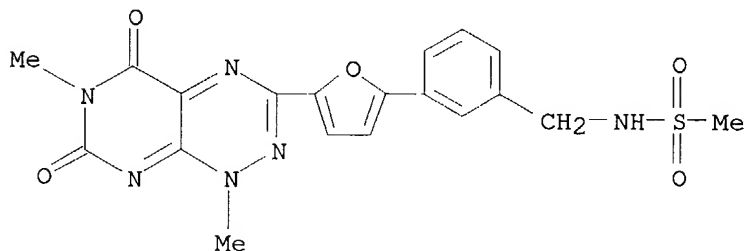
RN 647022-71-7 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-[5-[3-(4-morpholinylmethyl)phenyl]-2-furanyl]- (9CI) (CA INDEX NAME)



RN 647022-72-8 CAPLUS

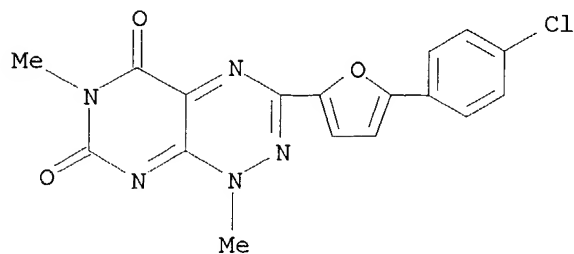
CN Methanesulfonamide, N-[[3-[5-(1,5,6,7-tetrahydro-1,6-dimethyl-5,7-dioxypyrimido[5,4-e]-1,2,4-triazin-3-yl)-2-furanyl]phenyl]methyl]- (9CI) (CA INDEX NAME)



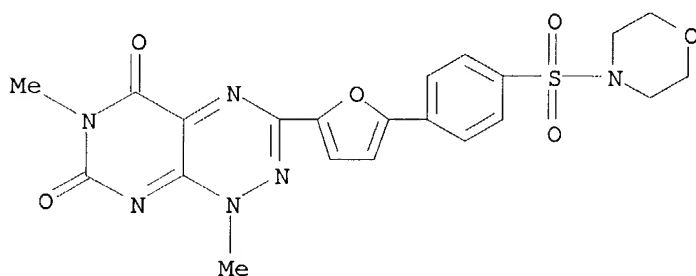
RN 647022-73-9 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[5-(4-chlorophenyl)-2-furanyl]-1,6-dimethyl- (9CI) (CA INDEX NAME)

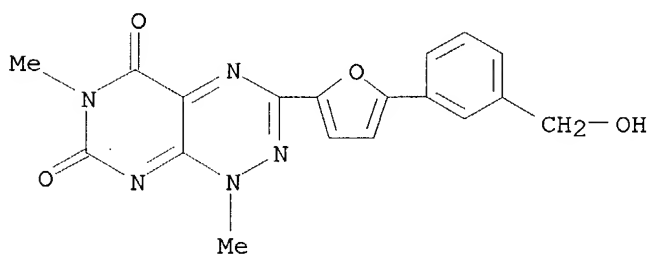
10/760,509



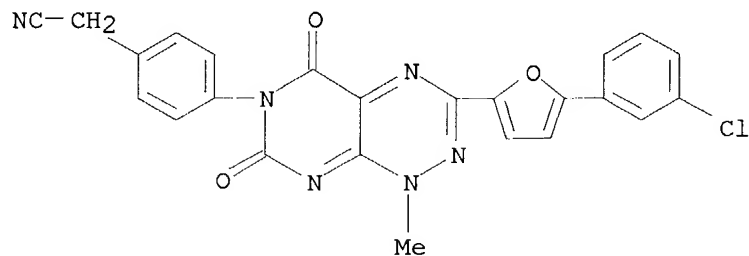
RN 647022-74-0 CAPLUS  
CN Morpholine, 4-[[4-[5-(1,5,6,7-tetrahydro-1,6-dimethyl-5,7-dioxypyrimido[5,4-e]-1,2,4-triazin-3-yl)-2-furanyl]phenyl]sulfonyl]- (9CI)  
(CA INDEX NAME)



RN	647022-75-1	CAPLUS
CN	Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[5-[3-(hydroxymethyl)phenyl]-2-furanyl]-1,6-dimethyl- (9CI) (CA INDEX NAME)	

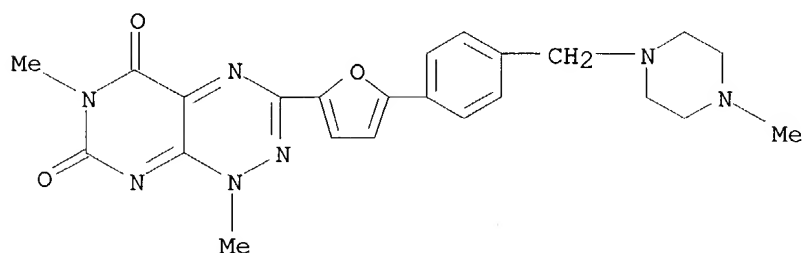


RN 647022-76-2 CAPLUS  
CN Benzeneacetonitrile, 4-[3-[5-(3-chlorophenyl)-2-furanyl]-1,7-dihydro-1-methyl-5,7-dioxopyrimido[5,4-e]-1,2,4-triazin-6(5H)-yl]- (9CI) (CA INDEX NAME)



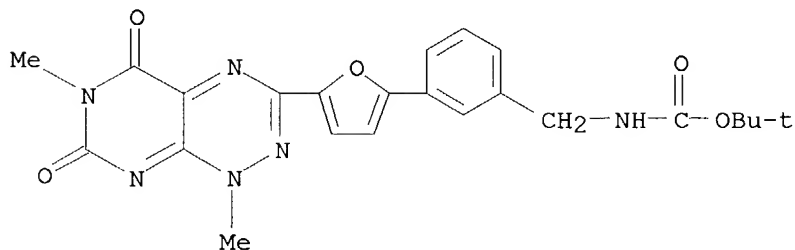
RN 647022-77-3 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-[5-[4-[(4-methyl-1-piperazinyl)methyl]phenyl]-2-furanyl]- (9CI) (CA INDEX NAME)



RN 647022-79-5 CAPLUS

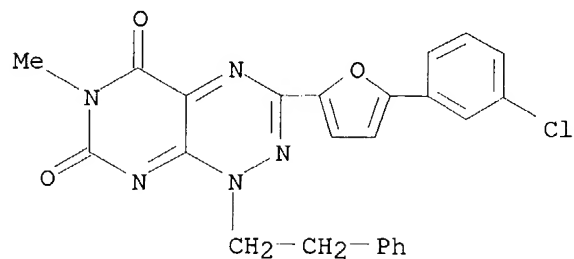
CN Carbamic acid, [[3-[5-(1,5,6,7-tetrahydro-1,6-dimethyl-5,7-dioxypyrimido[5,4-e]-1,2,4-triazin-3-yl)-2-furanyl]phenyl]methyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



RN 647022-80-8 CAPLUS

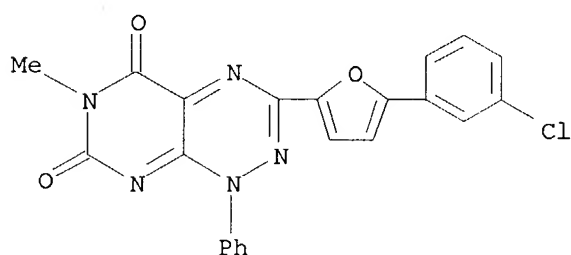
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[5-(3-chlorophenyl)-2-furanyl]-6-methyl-1-(2-phenylethyl)- (9CI) (CA INDEX NAME)

10/760,509



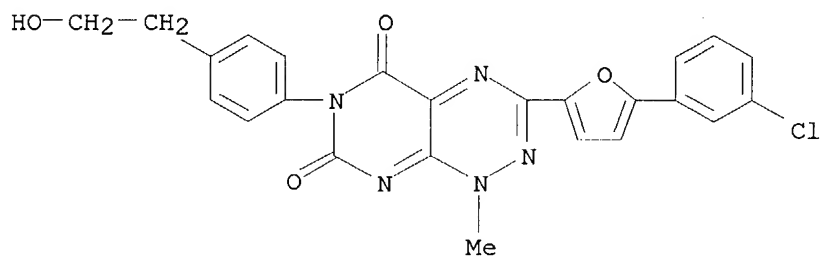
RN 647022-81-9 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[5-(3-chlorophenyl)-2-furanyl]-6-methyl-1-phenyl- (9CI) (CA INDEX NAME)



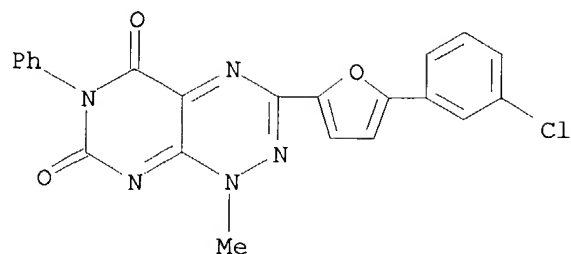
RN 647022-82-0 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[5-(3-chlorophenyl)-2-furanyl]-6-[4-(2-hydroxyethyl)phenyl]-1-methyl- (9CI) (CA INDEX NAME)



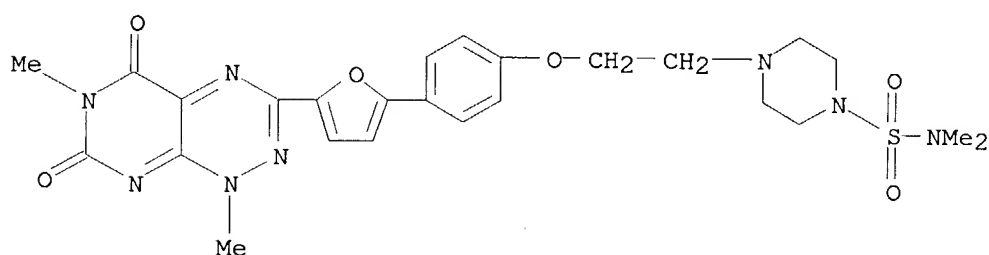
RN 647022-83-1 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[5-(3-chlorophenyl)-2-furanyl]-1-methyl-6-phenyl- (9CI) (CA INDEX NAME)



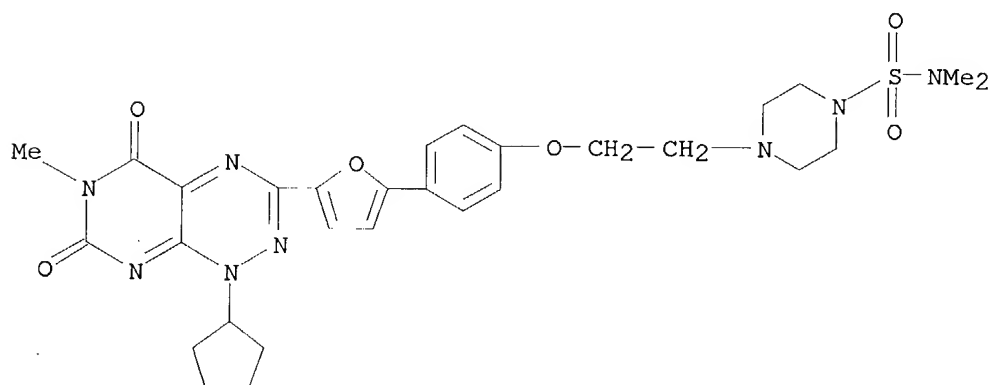
RN 647022-84-2 CAPLUS

CN 1-Piperazinesulfonamide, N,N-dimethyl-4-[2-[4-[5-(1,5,6,7-tetrahydro-1,6-dimethyl-5,7-dioxypyrimido[5,4-e]-1,2,4-triazin-3-yl)-2-furanyl]phenoxy]ethyl]- (9CI) (CA INDEX NAME)



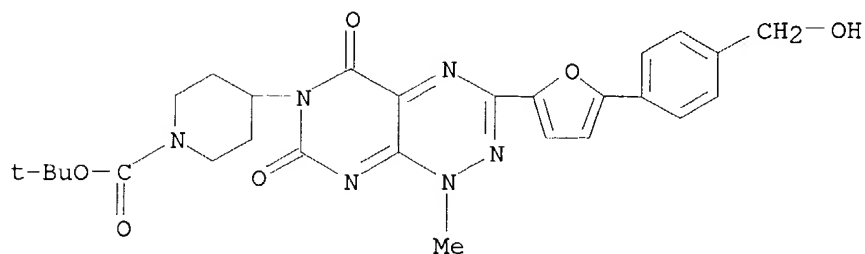
RN 647022-85-3 CAPLUS

CN 1-Piperazinesulfonamide, 4-[2-[4-[5-(1-cyclopentyl-1,5,6,7-tetrahydro-6-methyl-5,7-dioxypyrimido[5,4-e]-1,2,4-triazin-3-yl)-2-furanyl]phenoxy]ethyl]-N,N-dimethyl- (9CI) (CA INDEX NAME)



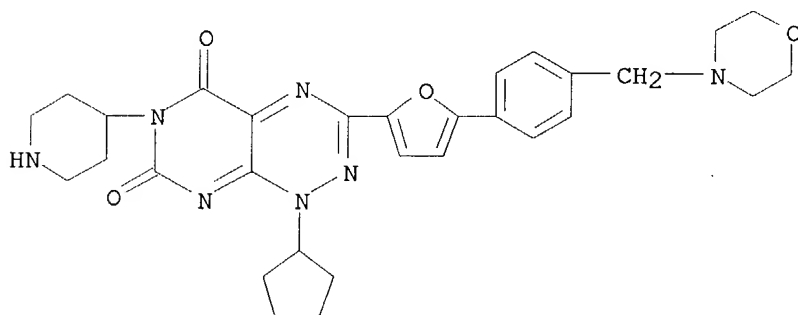
RN 647022-86-4 CAPLUS

CN 1-Piperidinecarboxylic acid, 4-[1,7-dihydro-3-[5-[4-(hydroxymethyl)phenyl]-2-furanyl]-1-methyl-5,7-dioxypyrimido[5,4-e]-1,2,4-triazin-6(5H)-yl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



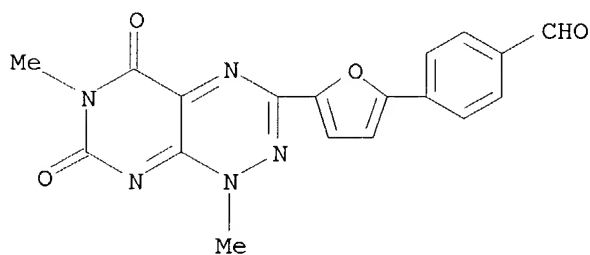
RN 647022-91-1 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-cyclopentyl-3-[5-[4-(4-morpholinylmethyl)phenyl]-2-furanyl]-6-(4-piperidinyl)- (9CI) (CA INDEX NAME)



RN 647022-92-2 CAPLUS

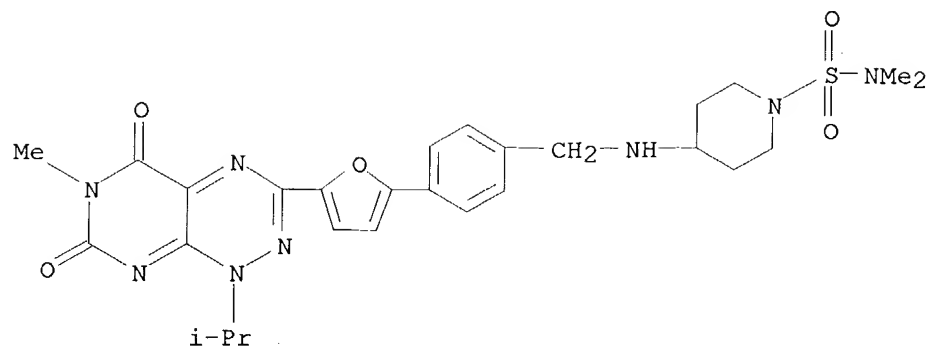
CN Benzaldehyde, 4-[5-(1,5,6,7-tetrahydro-1,6-dimethyl-5,7-dioxypyrimido[5,4-e]-1,2,4-triazin-3-yl)-2-furanyl]- (9CI) (CA INDEX NAME)



RN 647022-94-4 CAPLUS

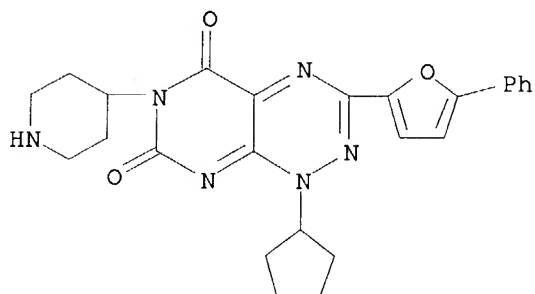
CN 1-Piperidinesulfonamide, N,N-dimethyl-4-[[[4-[5-[1,5,6,7-tetrahydro-6-methyl-1-(1-methylethyl)-5,7-dioxypyrimido[5,4-e]-1,2,4-triazin-3-yl]-2-furanyl]phenyl]methyl]amino]- (9CI) (CA INDEX NAME)





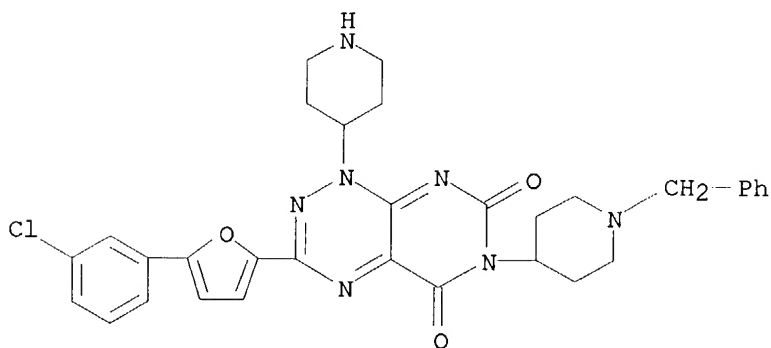
RN 647022-97-7 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-cyclopentyl-3-(5-phenyl-2-furyl)-6-(4-piperidinyl)- (9CI) (CA INDEX NAME)



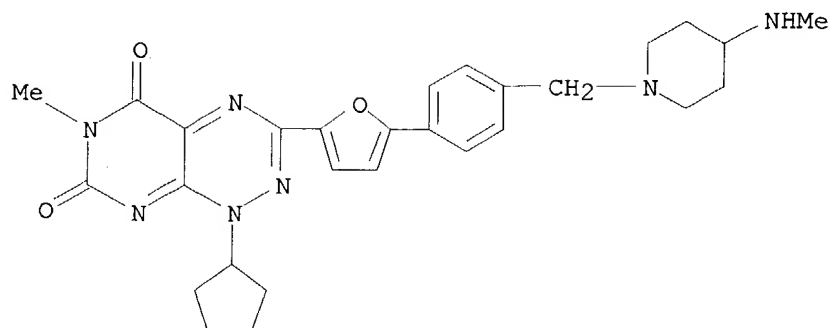
RN 647022-99-9 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[5-(3-chlorophenyl)-2-furyl]-6-[1-(phenylmethyl)-4-piperidinyl]-1-(4-piperidinyl)- (9CI) (CA INDEX NAME)



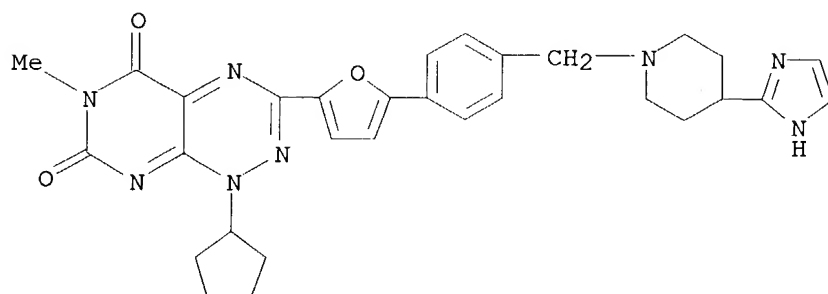
RN 647023-03-8 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-cyclopentyl-6-methyl-3-[5-[4-[4-(methylamino)-1-piperidinyl]methyl]phenyl]-2-furyl]- (9CI) (CA INDEX NAME)



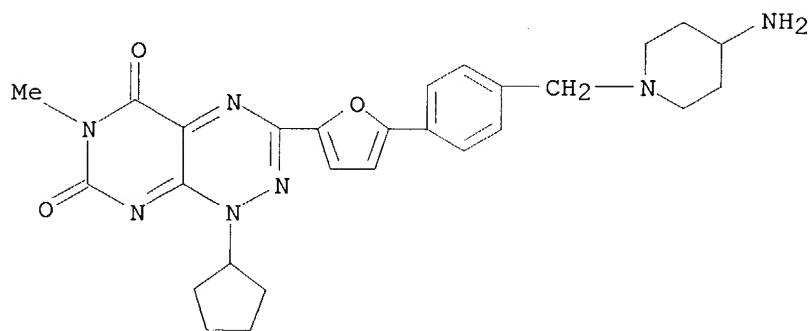
RN 647023-04-9 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-cyclopentyl-3-[5-[4-[[4-(1H-imidazol-2-yl)-1-piperidinyl]methyl]phenyl]-2-furanyl]-6-methyl- (9CI)  
(CA INDEX NAME)



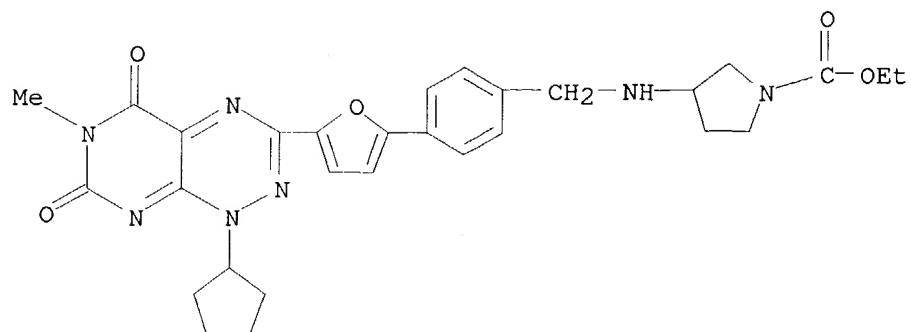
RN 647023-06-1 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[5-[4-[(4-amino-1-piperidinyl)methyl]phenyl]-2-furanyl]-1-cyclopentyl-6-methyl- (9CI) (CA INDEX NAME)



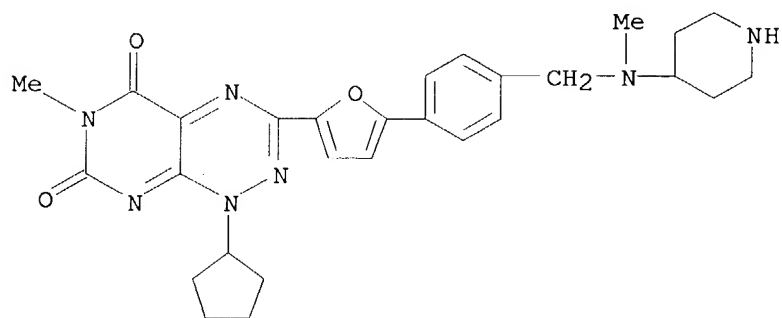
RN 647023-07-2 CAPLUS

CN 1-Pyrrolidinecarboxylic acid, 3-[[[4-[5-(1-cyclopentyl-1,5,6,7-tetrahydro-6-methyl-5,7-dioxypyrimido[5,4-e]-1,2,4-triazin-3-yl)-2-furanyl]phenyl]methyl]amino]-, ethyl ester (9CI) (CA INDEX NAME)



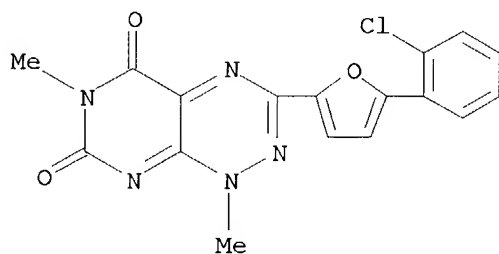
RN 647023-09-4 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-cyclopentyl-6-methyl-3-[5-[4-[(methyl-4-piperidinylamino)methyl]phenyl]-2-furanyl]- (9CI) (CA INDEX NAME)



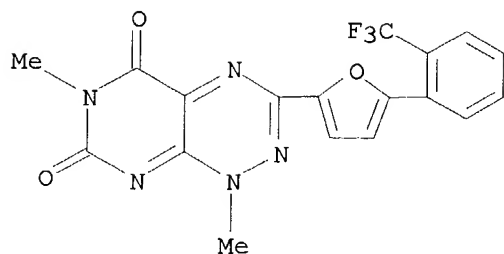
RN 647023-10-7 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[5-(2-chlorophenyl)-2-furanyl]-1,6-dimethyl- (9CI) (CA INDEX NAME)



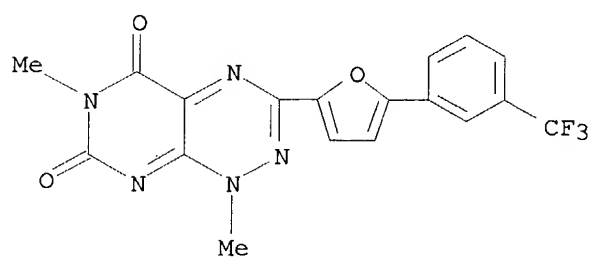
RN 647023-11-8 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-[5-[2-(trifluoromethyl)phenyl]-2-furanyl]- (9CI) (CA INDEX NAME)



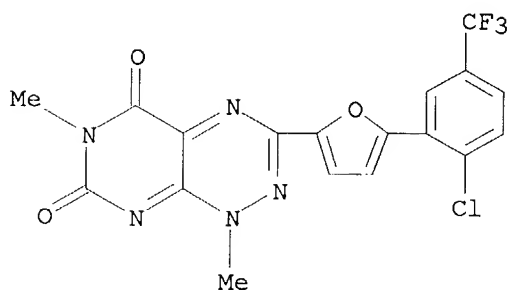
RN 647023-12-9 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-[5-[3-(trifluoromethyl)phenyl]-2-furanyl]- (9CI) (CA INDEX NAME)



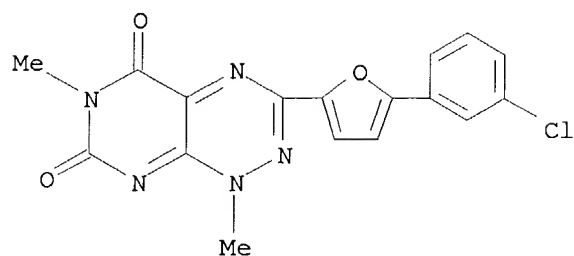
RN 647023-13-0 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[5-[2-chloro-5-(trifluoromethyl)phenyl]-2-furanyl]-1,6-dimethyl- (9CI) (CA INDEX NAME)



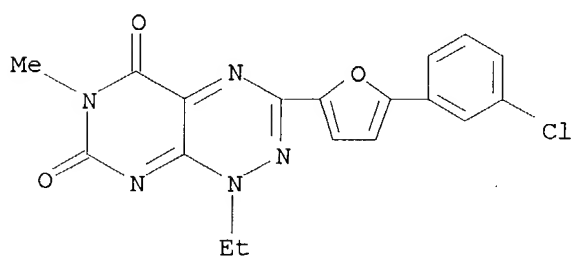
RN 647023-14-1 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[5-(3-chlorophenyl)-2-furanyl]-1,6-dimethyl- (9CI) (CA INDEX NAME)



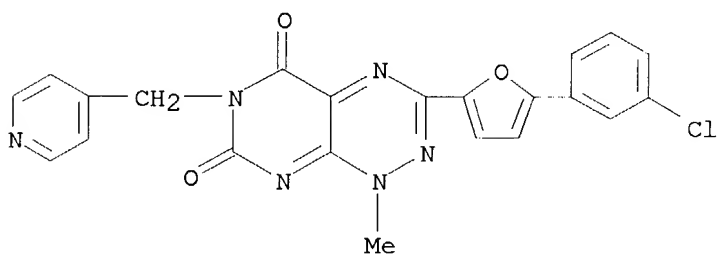
RN 647023-15-2 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[5-(3-chlorophenyl)-2-furanyl]-1-ethyl-6-methyl- (9CI) (CA INDEX NAME)



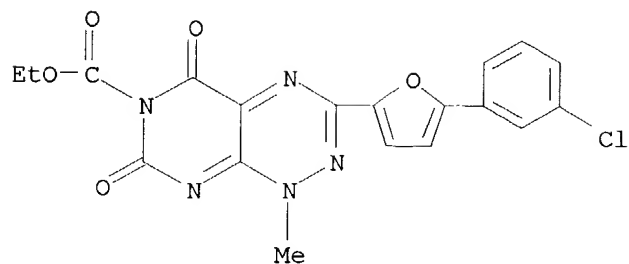
RN 647023-16-3 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[5-(3-chlorophenyl)-2-furanyl]-1-methyl-6-(4-pyridinylmethyl)- (9CI) (CA INDEX NAME)



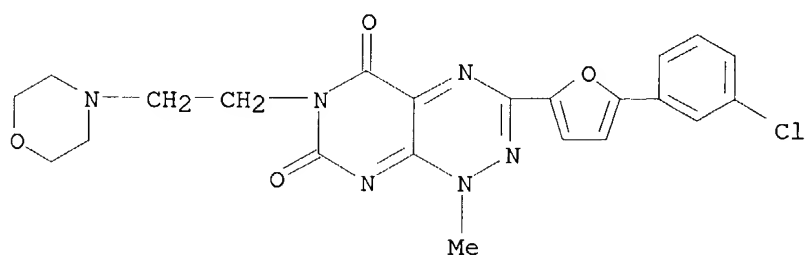
RN 647023-17-4 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-6(5H)-carboxylic acid, 3-[5-(3-chlorophenyl)-2-furanyl]-1,7-dihydro-1-methyl-5,7-dioxo-, ethyl ester (9CI) (CA INDEX NAME)



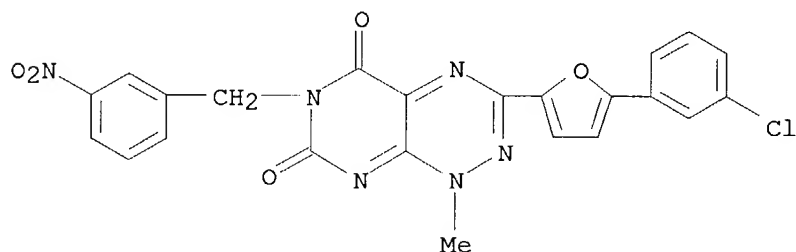
RN 647023-18-5 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[5-(3-chlorophenyl)-2-furanyl]-1-methyl-6-[2-(4-morpholinyl)ethyl]- (9CI) (CA INDEX NAME)



RN 647023-19-6 CAPLUS

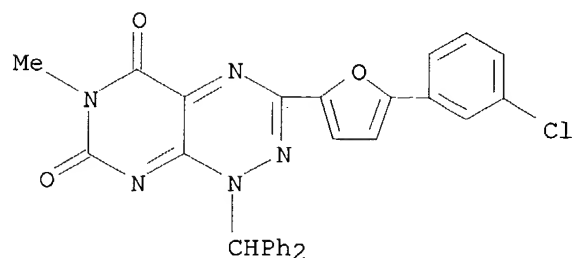
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[5-(3-chlorophenyl)-2-furanyl]-1-methyl-6-[(3-nitrophenyl)methyl]- (9CI) (CA INDEX NAME)



RN 647023-20-9 CAPLUS

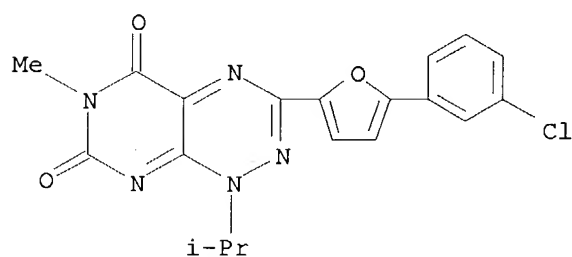
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[5-(3-chlorophenyl)-2-furanyl]-6-methyl-1-(1-phenylethyl)- (9CI) (CA INDEX NAME)





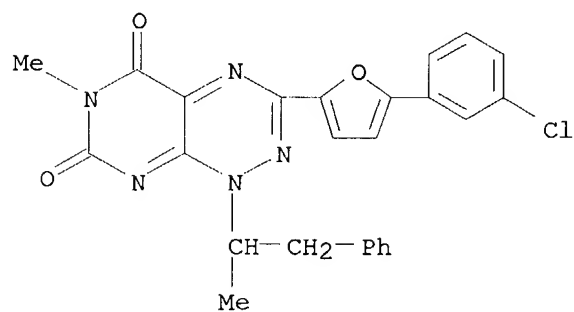
RN 647023-24-3 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[5-(3-chlorophenyl)-2-furanyl]-6-methyl-1-(1-methylethyl)- (9CI) (CA INDEX NAME)



RN 647023-25-4 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[5-(3-chlorophenyl)-2-furanyl]-6-methyl-1-(1-methyl-2-phenylethyl)- (9CI) (CA INDEX NAME)



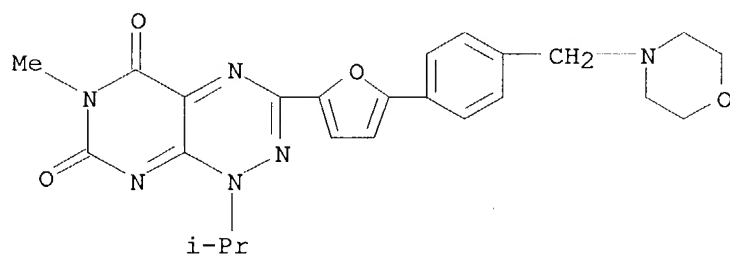
RN 647023-26-5 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[5-(3-chlorophenyl)-2-furanyl]-6-methyl-1-(2-methyl-1-phenylpropyl)- (9CI) (CA INDEX NAME)

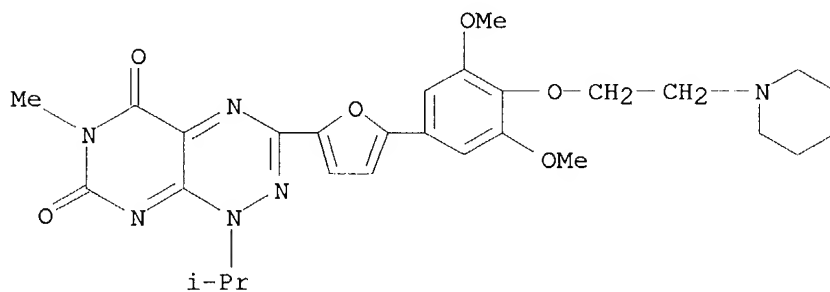


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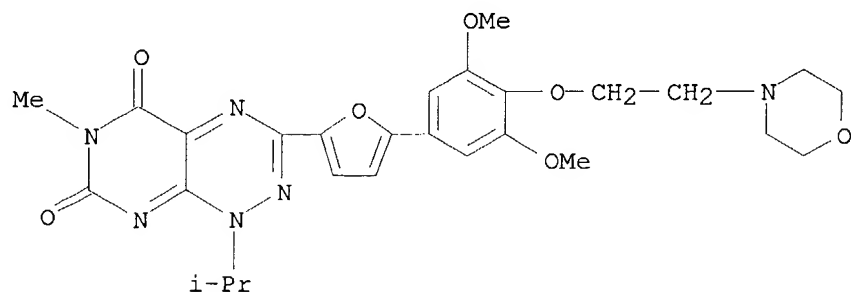
CN    Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-1-(1-methylethyl)-3-[5-[4-(4-morpholinylmethyl)phenyl]-2-furanyl]- (9CI)    (CA INDEX NAME)



CN    Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[5-[3,5-dimethoxy-4-[2-(1-piperidinyl)ethoxy]phenyl]-2-furanyl]-6-methyl-1-(1-methylethyl)- (9CI)  
(CA INDEX NAME)

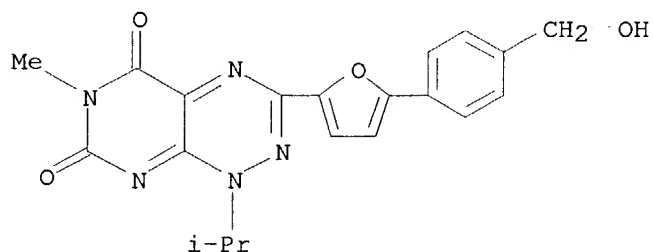


CN    Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[5-[3,5-dimethoxy-4-[2-(4-morpholinyl)ethoxy]phenyl]-2-furanyl]-6-methyl-1-(1-methylethyl)- (9CI)  
(CA INDEX NAME)



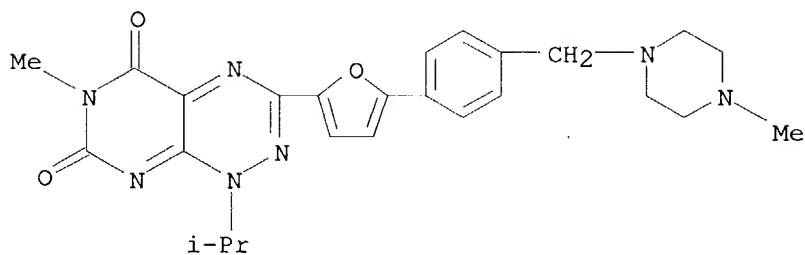
RN 647023-30-1 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[5-[4-(hydroxymethyl)phenyl]-2-furanyl]-6-methyl-1-(1-methylethyl)- (9CI) (CA INDEX NAME)



RN 647023-31-2 CAPLUS

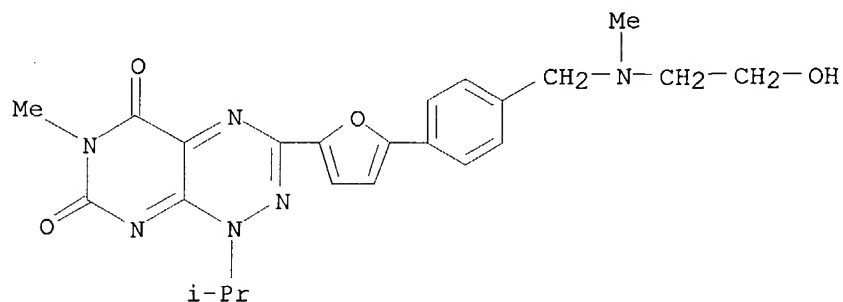
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-1-(1-methylethyl)-3-[5-[4-[(4-methyl-1-piperazinyl)methyl]phenyl]-2-furanyl]- (9CI) (CA INDEX NAME)



RN 647023-32-3 CAPLUS

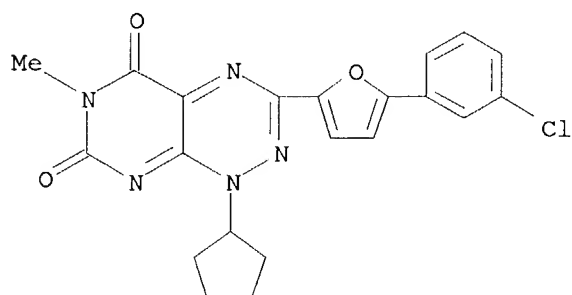
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[5-[4-[(2-hydroxyethyl)methylamino]methyl]phenyl]-2-furanyl]-6-methyl-1-(1-methylethyl)- (9CI) (CA INDEX NAME)

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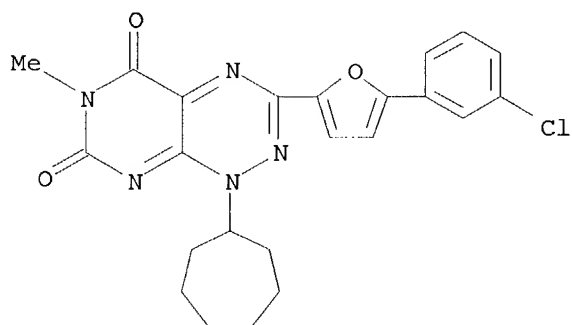
RN 647023-34-5 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[5-(3-chlorophenyl)-2-furanyl]-1-cyclopentyl-6-methyl- (9CI) (CA INDEX NAME)



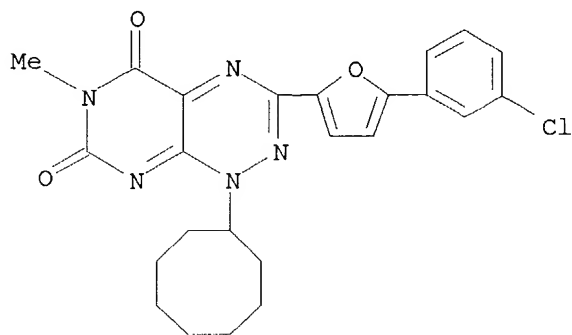
RN 647023-35-6 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[5-(3-chlorophenyl)-2-furanyl]-1-cycloheptyl-6-methyl- (9CI) (CA INDEX NAME)



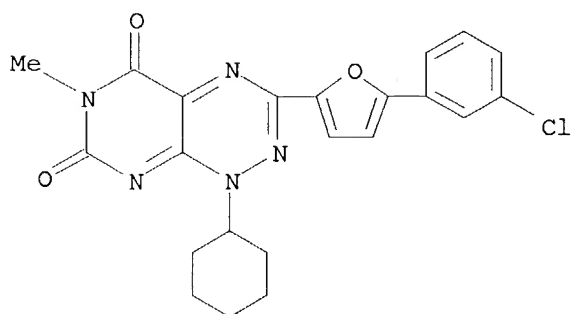
RN 647023-36-7 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[5-(3-chlorophenyl)-2-furanyl]-1-cyclooctyl-6-methyl- (9CI) (CA INDEX NAME)



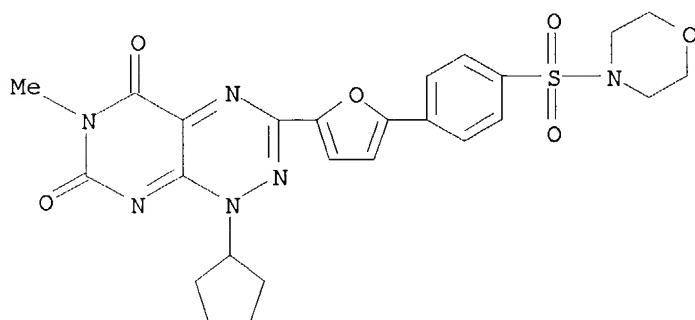
RN 647023-37-8 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[5-(3-chlorophenyl)-2-furanyl]-1-cyclohexyl-6-methyl- (9CI) (CA INDEX NAME)



RN 647023-38-9 CAPLUS

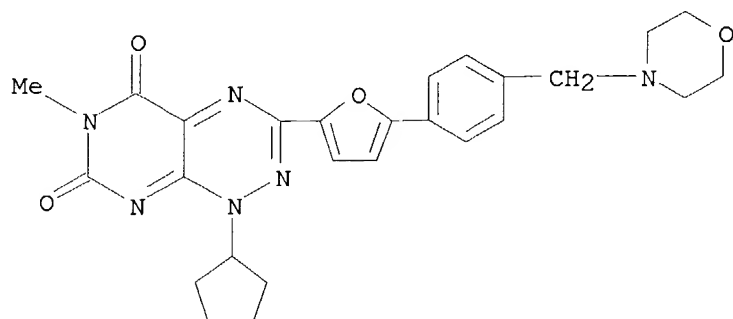
CN Morpholine, 4-[[4-[5-(1-cyclopentyl-1,5,6,7-tetrahydro-6-methyl-5,7-dioxypyrimido[5,4-e]-1,2,4-triazin-3-yl)-2-furanyl]phenyl]sulfonyl]- (9CI) (CA INDEX NAME)



RN 647023-39-0 CAPLUS

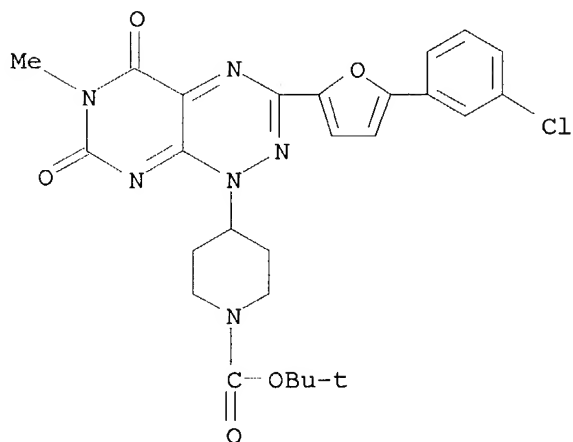
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-cyclopentyl-6-methyl-3-[5-[4-(4-morpholinylmethyl)phenyl]-2-furanyl]- (9CI) (CA INDEX NAME)

10/760,509



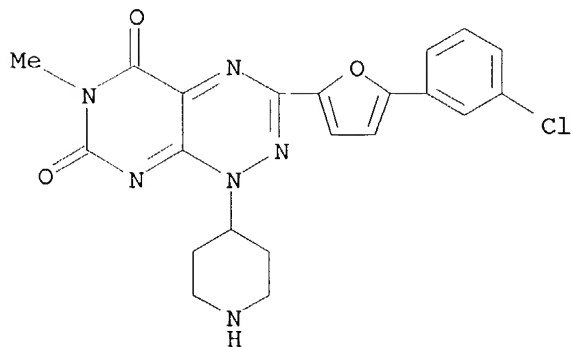
RN 647023-40-3 CAPLUS

CN 1-Piperidinecarboxylic acid, 4-[3-[5-(3-chlorophenyl)-2-furanyl]-6,7-dihydro-6-methyl-5,7-dioxopyrimido[5,4-e]-1,2,4-triazin-1(5H)-yl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



RN 647023-41-4 CAPLUS

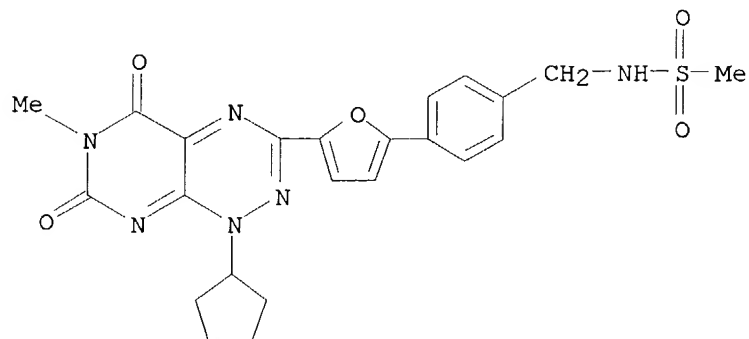
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[5-(3-chlorophenyl)-2-furanyl]-6-methyl-1-(4-piperidyl)- (9CI) (CA INDEX NAME)



RN 647023-42-5 CAPLUS

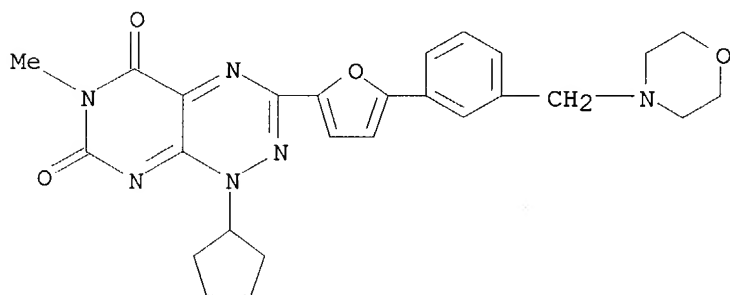
10/760,509

CN Methanesulfonamide, N-[[4-[5-(1-cyclopentyl-1,5,6,7-tetrahydro-6-methyl-5,7-dioxypyrimido[5,4-e]-1,2,4-triazin-3-yl)-2-furanyl]phenyl]methyl]-  
(9CI) (CA INDEX NAME)



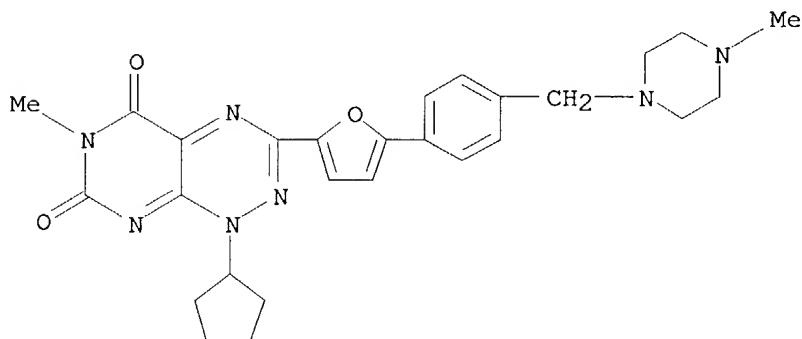
RN 647023-43-6 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-cyclopentyl-6-methyl-3-[5-[3-(4-morpholinylmethyl)phenyl]-2-furanyl]- (9CI) (CA INDEX NAME)



RN 647023-44-7 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-cyclopentyl-6-methyl-3-[5-[4-[(4-methyl-1-piperazinyl)methyl]phenyl]-2-furanyl]- (9CI) (CA INDEX NAME)

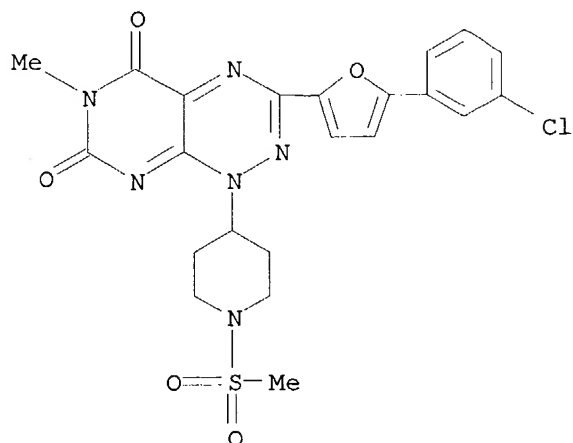


RN 647023-45-8 CAPLUS

CN Piperidine, 4-[3-[5-(3-chlorophenyl)-2-furanyl]-6,7-dihydro-6-methyl-5,7-

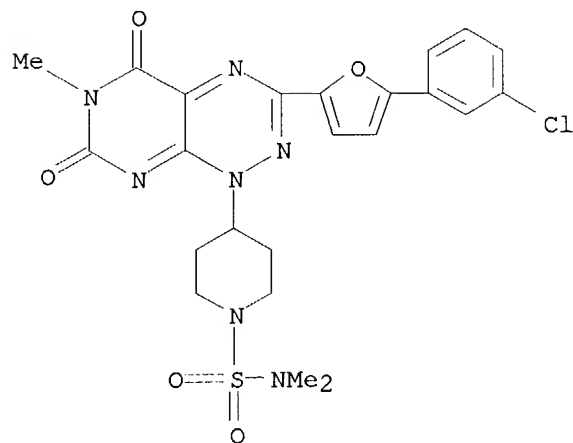
10/760,509

dioxypyrimido[5,4-e]-1,2,4-triazin-1(5H)-yl]-1-(methylsulfonyl)- (9CI)  
(CA INDEX NAME)



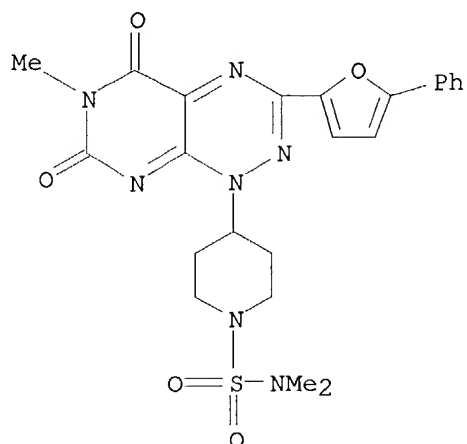
RN 647023-46-9 CAPLUS

CN 1-Piperidinesulfonamide, 4-[3-[5-(3-chlorophenyl)-2-furanyl]-6,7-dihydro-6-methyl-5,7-dioxypyrimido[5,4-e]-1,2,4-triazin-1(5H)-yl]-N,N-dimethyl- (9CI) (CA INDEX NAME)



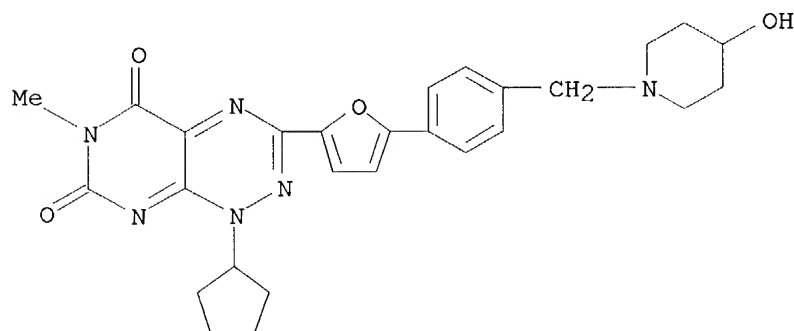
RN 647023-47-0 CAPLUS

CN 1-Piperidinesulfonamide, 4-[6,7-dihydro-6-methyl-5,7-dioxo-3-(5-phenyl-2-furanyl)pyrimido[5,4-e]-1,2,4-triazin-1(5H)-yl]-N,N-dimethyl- (9CI) (CA INDEX NAME)



RN 647023-48-1 CAPLUS

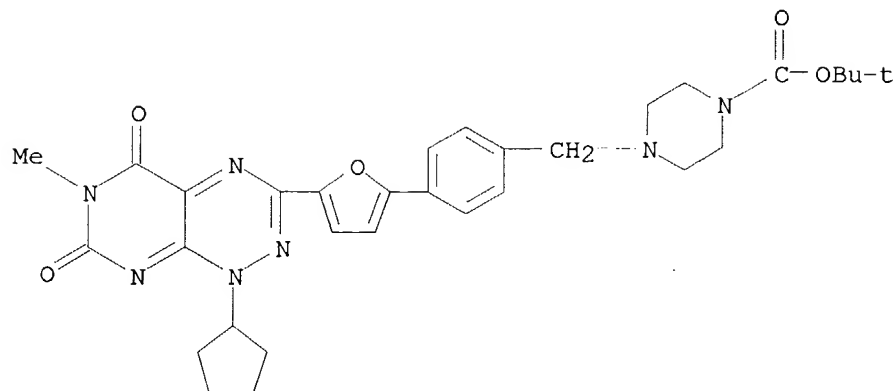
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-cyclopentyl-3-[5-[4-[(4-hydroxy-1-piperidinyl)methyl]phenyl]-2-furanyl]-6-methyl- (9CI) (CA INDEX NAME)



RN 647023-49-2 CAPLUS

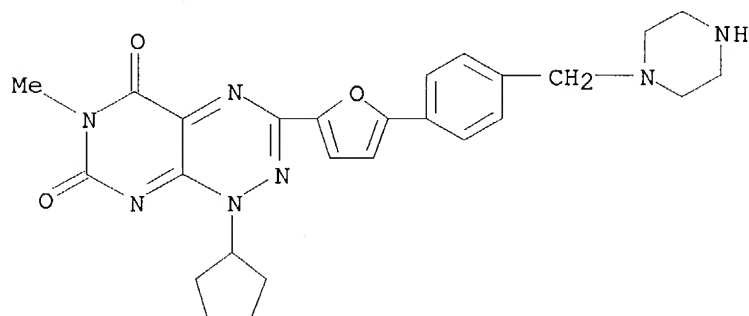
CN 1-Piperazinecarboxylic acid, 4-[[4-[5-(1-cyclopentyl-1,5,6,7-tetrahydro-6-methyl-5,7-dioxypyrimido[5,4-e]-1,2,4-triazin-3-yl)-2-furanyl]phenyl]methyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)





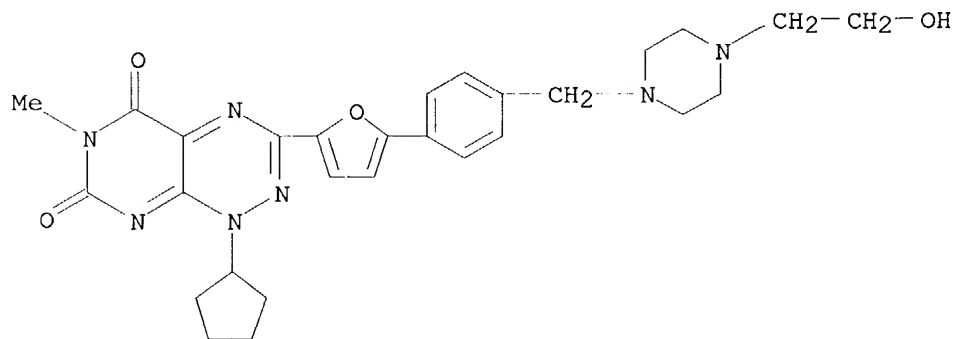
RN 647023-50-5 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-cyclopentyl-6-methyl-3-[5-[4-(1-piperazinylmethyl)phenyl]-2-furanyl]- (9CI) (CA INDEX NAME)



RN 647023-51-6 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-cyclopentyl-3-[5-[4-[[4-(2-hydroxyethyl)-1-piperazinyl]methyl]phenyl]-2-furanyl]-6-methyl- (9CI) (CA INDEX NAME)

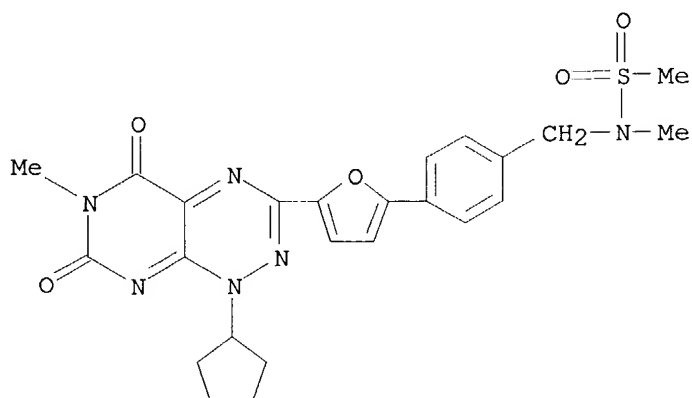


RN 647023-52-7 CAPLUS

CN Methanesulfonamide, N-[[4-[5-(1-cyclopentyl-1,5,6,7-tetrahydro-6-methyl-5,7-dioxypyrimido[5,4-e]-1,2,4-triazin-3-yl)-2-furanyl]phenyl]methyl]-N-

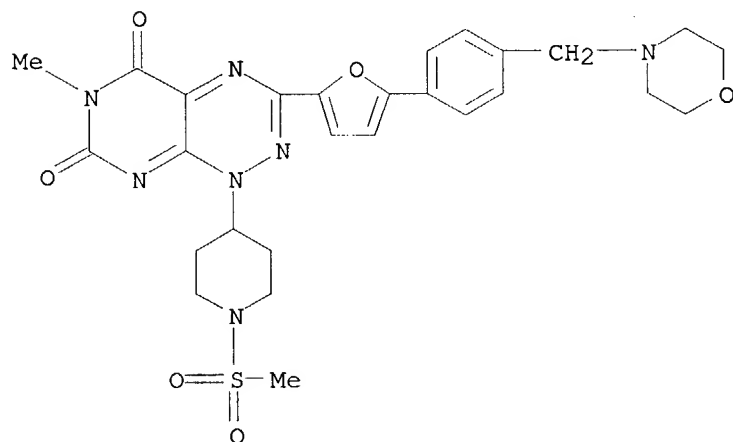
10/760,509

methyl- (9CI) (CA INDEX NAME)



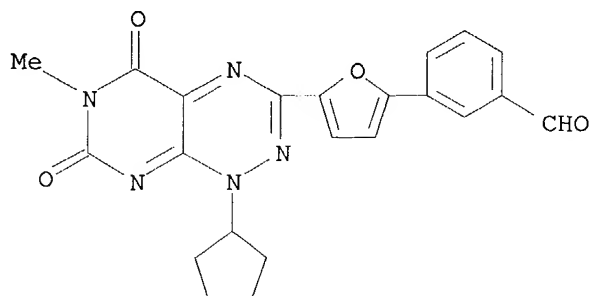
RN 647023-53-8 CAPLUS

CN Piperidine, 4-[6,7-dihydro-6-methyl-3-[5-[4-(4-morpholinylmethyl)phenyl]-2-furanyl]-5,7-dioxypyrimido[5,4-e]-1,2,4-triazin-1(5H)-yl]-1-(methylsulfonyl)- (9CI) (CA INDEX NAME)



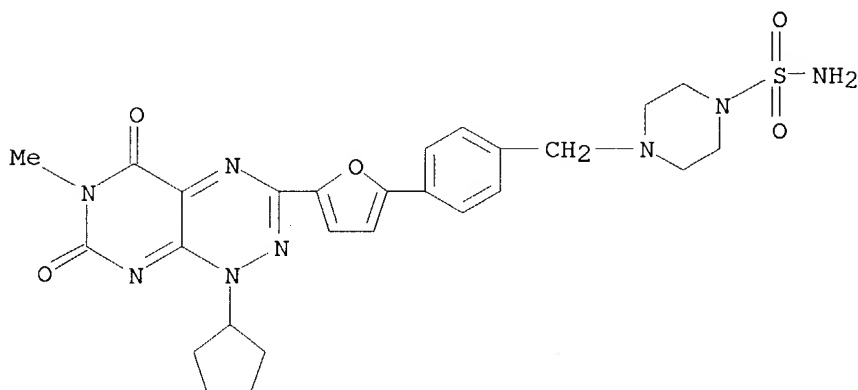
RN 647023-54-9 CAPLUS

CN Benzaldehyde, 3-[5-(1-cyclopentyl-1,5,6,7-tetrahydro-6-methyl-5,7-dioxypyrimido[5,4-e]-1,2,4-triazin-3-yl)-2-furanyl]- (9CI) (CA INDEX NAME)



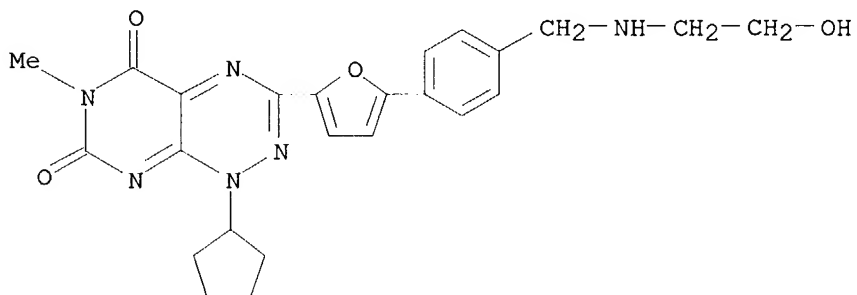
RN 647023-55-0 CAPLUS

CN 1-Piperazinesulfonamide, 4-[[4-[5-(1-cyclopentyl-1,5,6,7-tetrahydro-6-methyl-5,7-dioxypyrimido[5,4-e]-1,2,4-triazin-3-yl)-2-furanyl]phenyl]methyl]- (9CI) (CA INDEX NAME)



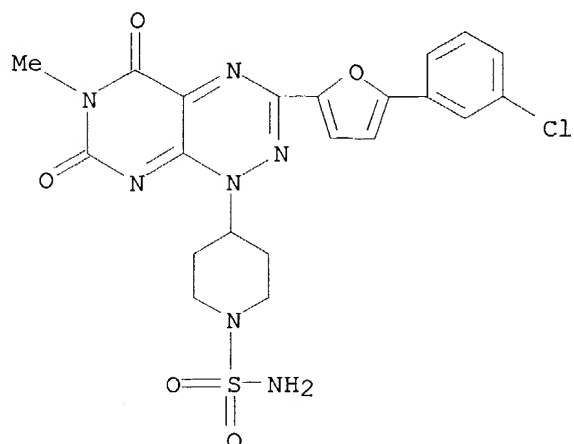
RN 647023-56-1 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-cyclopentyl-3-[5-[4-  
[[ (2-hydroxyethyl) amino] methyl] phenyl]-2-furanyl]-6-methyl- (9CI) (CA  
INDEX NAME)



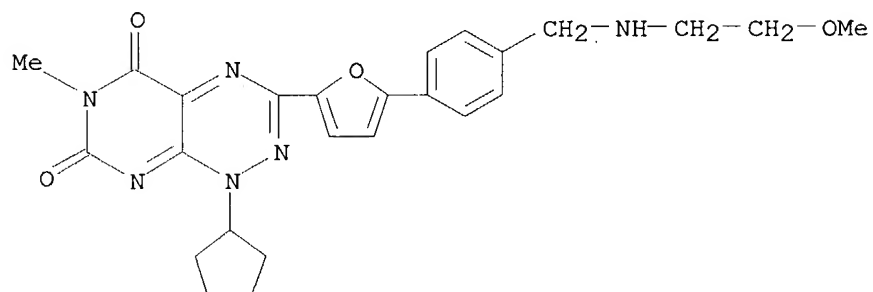
RN 647023-57-2 CAPLUS

1-Piperidinesulfonamide, 4-[3-[5-(3-chlorophenyl)-2-furanyl]-6,7-dihydro-6-methyl-5,7-dioxypyrimido[5,4-e]-1,2,4-triazin-1(5H)-yl]- (9CI) (CA INDEX NAME)



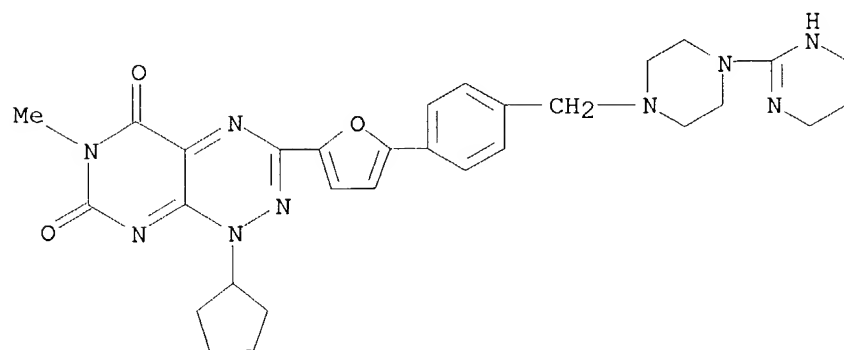
RN 647023-58-3 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-cyclopentyl-3-[5-[4-  
 [(2-methoxyethyl)amino]methyl]phenyl]-2-furanyl]-6-methyl- (9CI) (CA  
 INDEX NAME)



RN 647023-59-4 CAPLUS

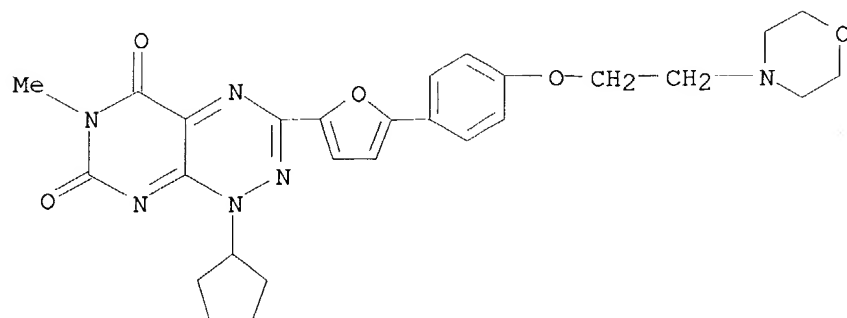
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-cyclopentyl-6-methyl-3-  
 [5-[4-[[4-(1,4,5,6-tetrahydro-2-pyrimidinyl)-1-piperazinyl]methyl]phenyl]-  
 2-furanyl]- (9CI) (CA INDEX NAME)



RN 647023-60-7 CAPLUS

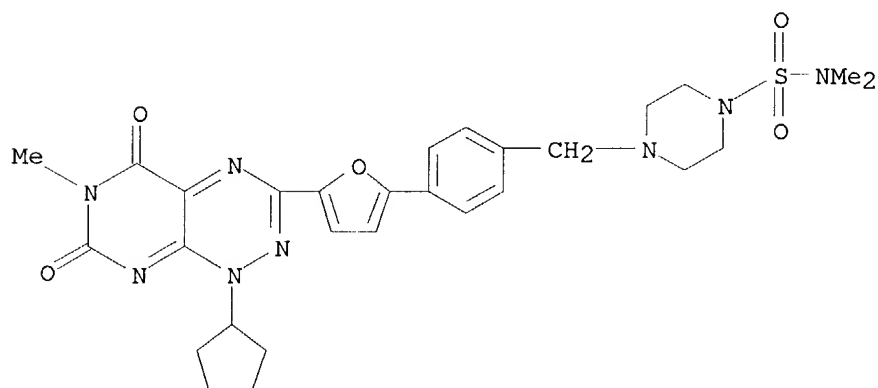
10/760,509

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-cyclopentyl-6-methyl-3-[5-[4-[2-(4-morpholinyl)ethoxy]phenyl]-2-furanyl]- (9CI) (CA INDEX NAME)



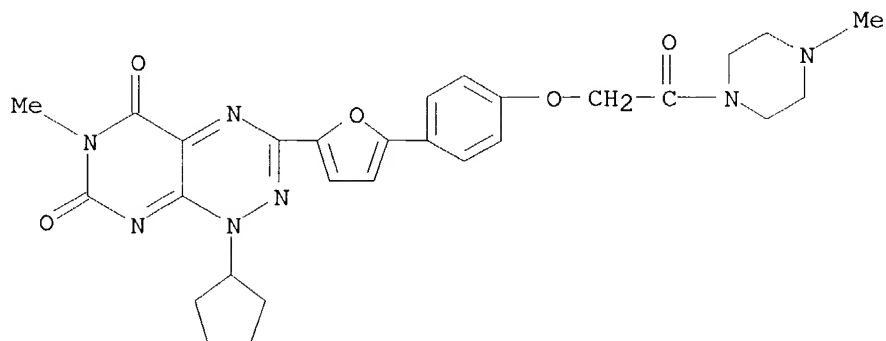
RN 647023-61-8 CAPLUS

CN 1-Piperazinesulfonamide, 4-[[4-[5-(1-cyclopentyl-1,5,6,7-tetrahydro-6-methyl-5,7-dioxypyrimido[5,4-e]-1,2,4-triazin-3-yl)-2-furanyl]phenyl]methyl]-N,N-dimethyl- (9CI) (CA INDEX NAME)



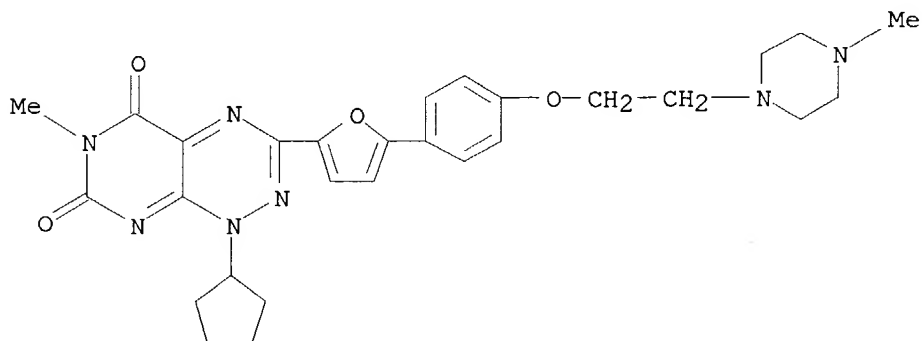
RN 647023-62-9 CAPLUS

CN Piperazine, 1-[[4-[5-(1-cyclopentyl-1,5,6,7-tetrahydro-6-methyl-5,7-dioxypyrimido[5,4-e]-1,2,4-triazin-3-yl)-2-furanyl]phenoxy]acetyl]-4-methyl- (9CI) (CA INDEX NAME)



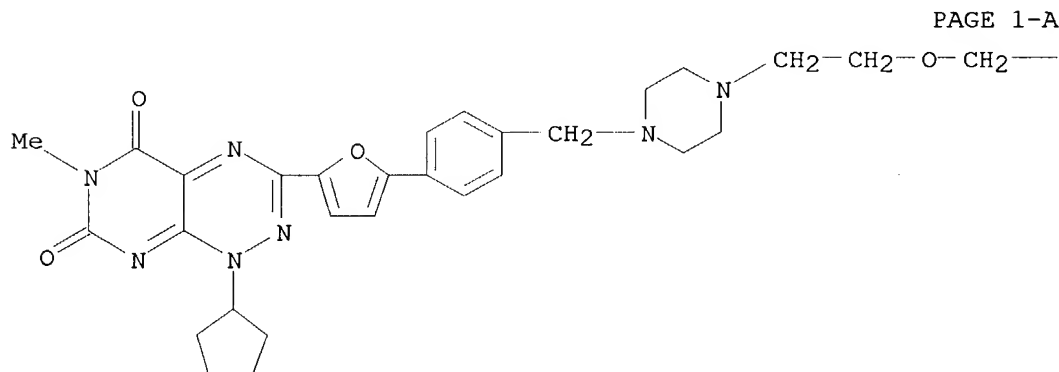
RN 647023-63-0 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-cyclopentyl-6-methyl-3-[5-[4-[2-(4-methyl-1-piperazinyl)ethoxy]phenyl]-2-furanyl]- (9CI) (CA INDEX NAME)



RN 647023-64-1 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-cyclopentyl-3-[5-[4-[4-[2-(2-hydroxyethoxy)ethyl]-1-piperazinyl]methyl]phenyl]-2-furanyl]-6-methyl- (9CI) (CA INDEX NAME)



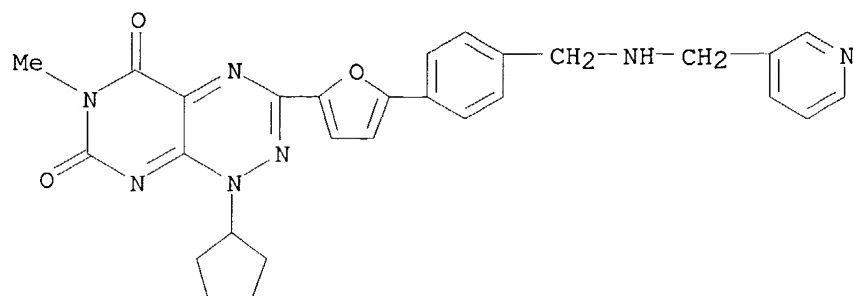
PAGE 1-A

PAGE 1-B

—CH<sub>2</sub>—OH

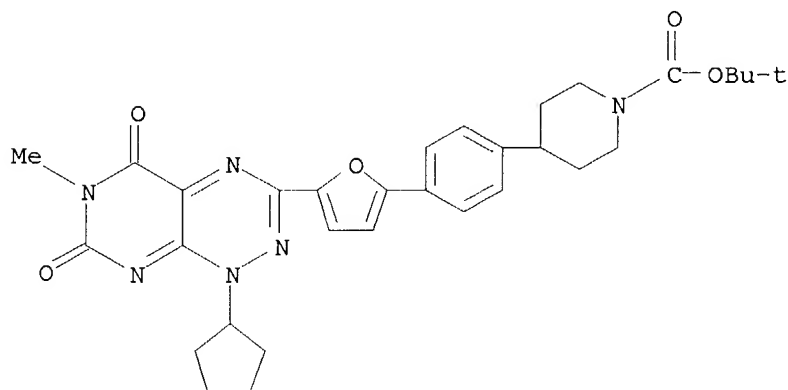
RN 647023-65-2 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-cyclopentyl-6-methyl-3-[5-[4-[[(3-pyridinylmethyl)amino]methyl]phenyl]-2-furanyl]- (9CI) (CA INDEX NAME)



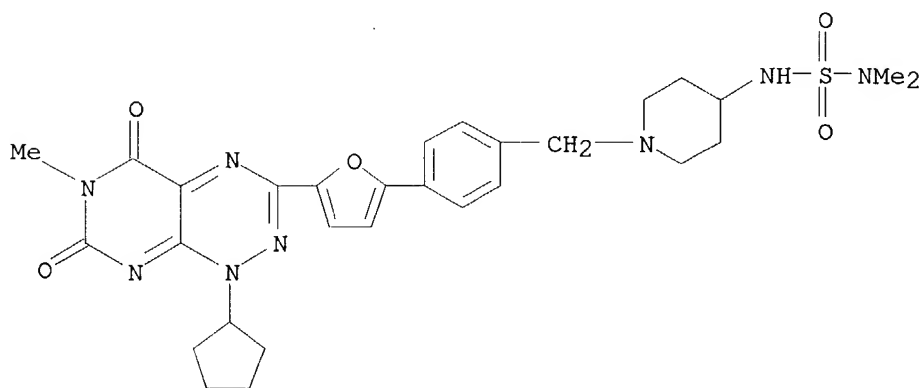
RN 647023-66-3 CAPLUS

CN 1-Piperidinecarboxylic acid, 4-[4-[5-(1-cyclopentyl-1,5,6,7-tetrahydro-6-methyl-5,7-dioxypyrimido[5,4-e]-1,2,4-triazin-3-yl)-2-furanyl]phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



RN 647023-67-4 CAPLUS

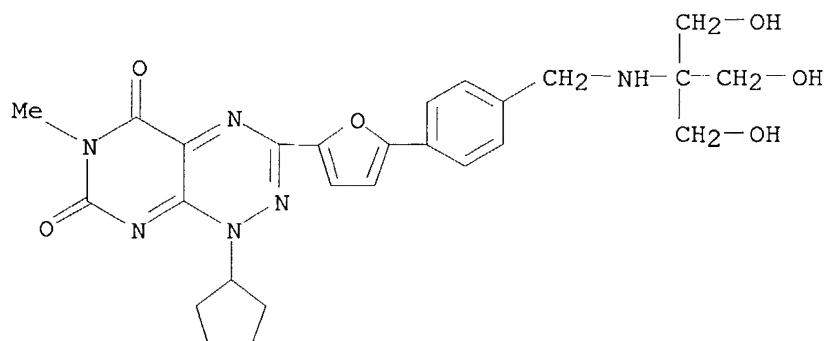
CN Sulfamide, N'-[1-[[4-[5-(1-cyclopentyl-1,5,6,7-tetrahydro-6-methyl-5,7-dioxypyrimido[5,4-e]-1,2,4-triazin-3-yl)-2-furanyl]phenyl]methyl]-4-piperidinyl]-N,N-dimethyl- (9CI) (CA INDEX NAME)



RN 647023-68-5 CAPLUS

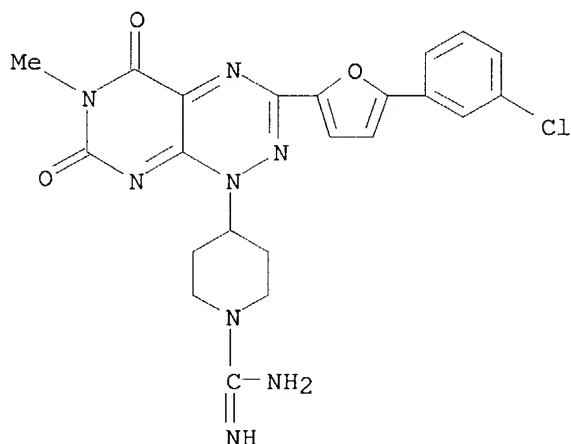
10/760,509

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-cyclopentyl-3-[5-[4-[[[2-hydroxy-1,1-bis(hydroxymethyl)ethyl]amino]methyl]phenyl]-2-furanyl]-6-methyl- (9CI) (CA INDEX NAME)



RN 647023-69-6 CAPLUS

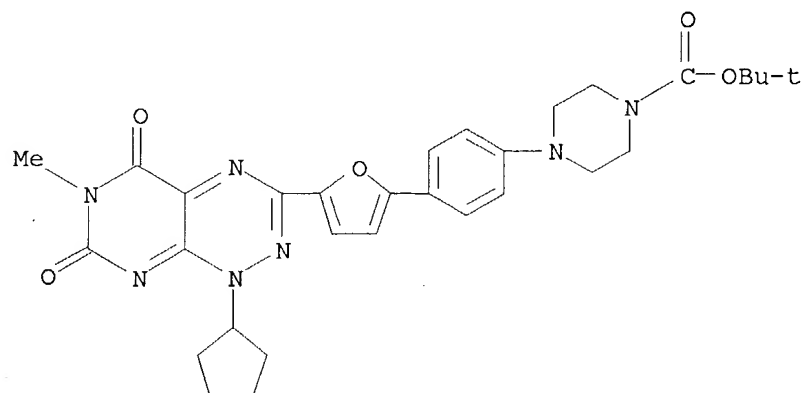
CN 1-Piperidinecarboximidamide, 4-[3-[5-(3-chlorophenyl)-2-furanyl]-6,7-dihydro-6-methyl-5,7-dioxypyrimido[5,4-e]-1,2,4-triazin-1(5H)-yl]- (9CI) (CA INDEX NAME)



RN 647023-70-9 CAPLUS

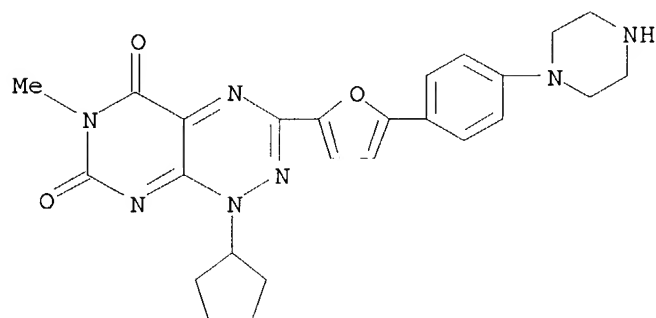
CN 1-Piperazinecarboxylic acid, 4-[4-[5-(1-cyclopentyl-1,5,6,7-tetrahydro-6-methyl-5,7-dioxypyrimido[5,4-e]-1,2,4-triazin-3-yl)-2-furanyl]phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)





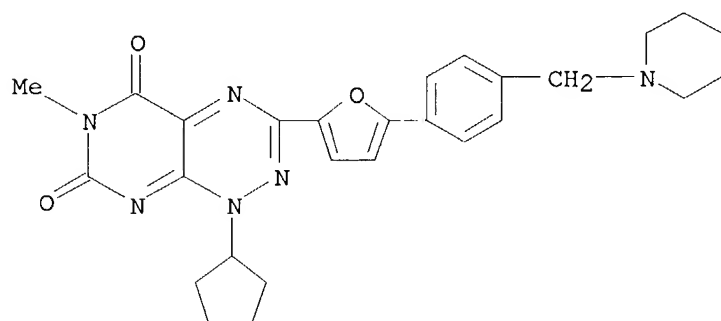
RN 647023-71-0 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-cyclopentyl-6-methyl-3-[5-[4-(1-piperazinyl)phenyl]-2-furanyl]- (9CI) (CA INDEX NAME)



RN 647023-72-1 CAPLUS

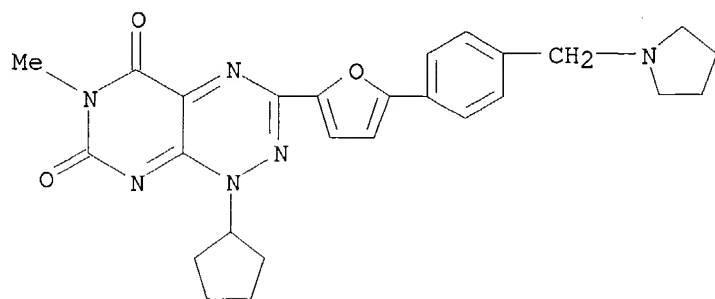
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-cyclopentyl-6-methyl-3-[5-[4-(1-piperidinylmethyl)phenyl]-2-furanyl]- (9CI) (CA INDEX NAME)



RN 647023-73-2 CAPLUS

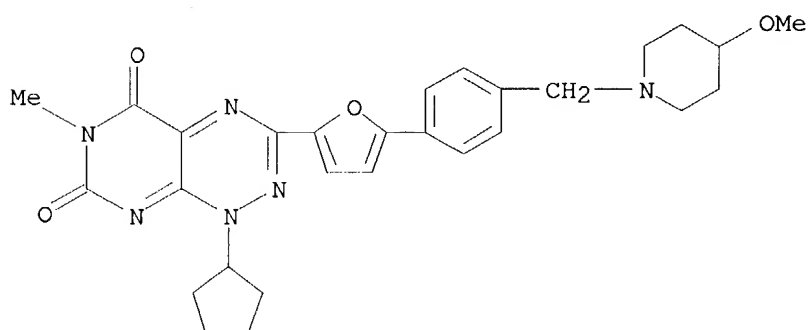
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-cyclopentyl-6-methyl-3-[5-[4-(1-pyrrolidinylmethyl)phenyl]-2-furanyl]- (9CI) (CA INDEX NAME)

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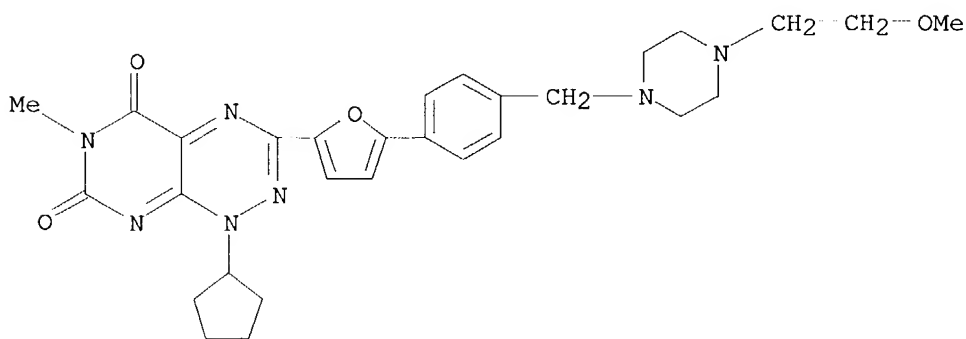
RN 647023-74-3 CAPLUS

CN    Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-cyclopentyl-3-[5-[4-[(4-methoxy-1-piperidinyl)methyl]phenyl]-2-furanyl]-6-methyl- (9CI)    (CA INDEX NAME)



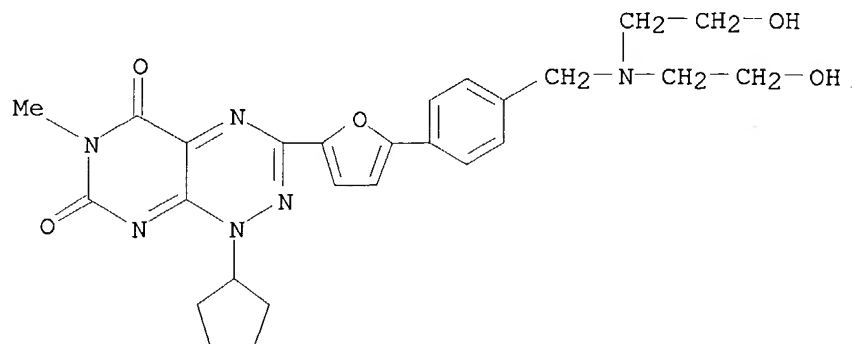
RN 647023-75-4 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-cyclopentyl-3-[5-[4-[[4-(2-methoxyethyl)-1-piperazinyl]methyl]phenyl]-2-furanyl]-6-methyl- (9CI)  
(CA INDEX NAME)



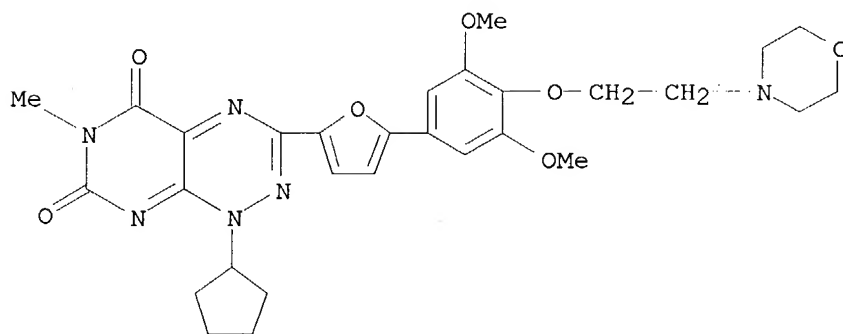
RN 647023-76-5 CAPLUS

CN    Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[5-[4-[[bis(2-hydroxyethyl)amino)methyl]phenyl]-2-furanyl]-1-cyclopentyl-6-methyl- (9CI)  
(CA INDEX NAME)



RN 647023-77-6 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-cyclopentyl-3-[5-[3,5-dimethoxy-4-[2-(4-morpholinyl)ethoxy]phenyl]-2-furanyl]-6-methyl- (9CI)  
(CA INDEX NAME)



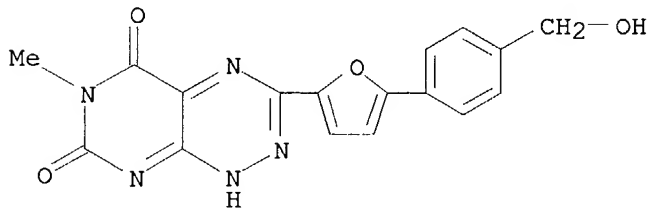
IT 647024-20-2P 647024-21-3P 647024-22-4P  
647024-23-5P 647024-24-6P 647024-25-7P  
647024-26-8P 647024-27-9P 647024-28-0P  
647024-29-1P 647024-30-4P 647024-31-5P  
647024-32-6P 647024-33-7P 647024-34-8P  
647024-37-1P 647024-38-2P 647024-39-3P  
647024-40-6P 647024-41-7P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation of 3-furanyl analogs of toxoflavin as kinase inhibitors)

RN 647024-20-2 CAPLUS

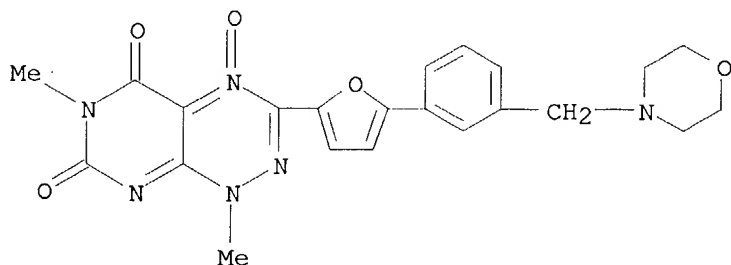
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[5-[4-(hydroxymethyl)phenyl]-2-furanyl]-6-methyl- (9CI) (CA INDEX NAME)



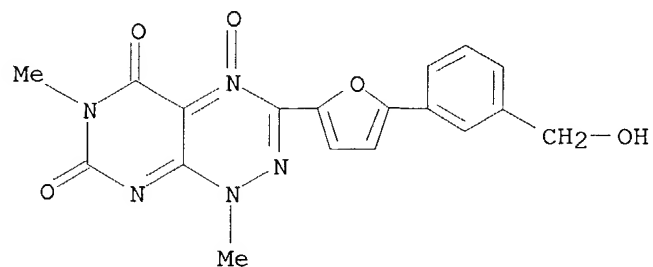
10/760,509

RN 647024-21-3 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-[5-[3-(4-morpholinylmethyl)phenyl]-2-furanyl]-, 4-oxide (9CI) (CA INDEX NAME)

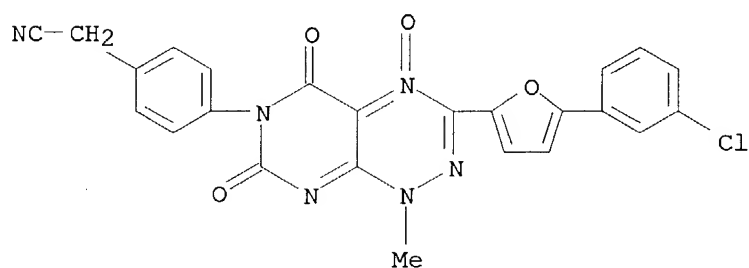


10/760,509



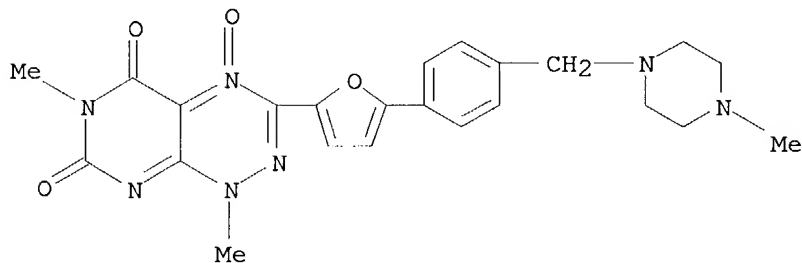
RN 647024-25-7 CAPLUS

CN Benzeneacetonitrile, 4-[3-[5-(3-chlorophenyl)-2-furanyl]-1,7-dihydro-1-methyl-4-oxido-5,7-dioxopyrimido[5,4-e]-1,2,4-triazin-6(5H)-yl]- (9CI)  
(CA INDEX NAME)



RN 647024-26-8 CAPLUS

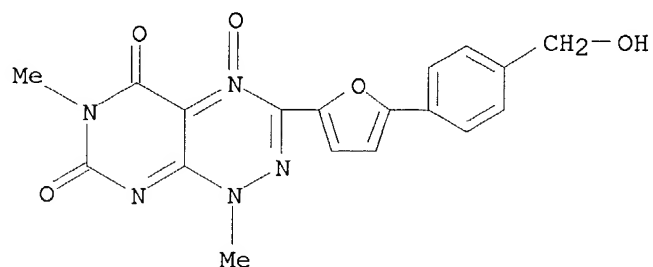
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-[5-[4-[(4-methyl-1-piperazinyl)methyl]phenyl]-2-furanyl]-, 4-oxide (9CI) (CA INDEX NAME)



RN 647024-27-9 CAPLUS

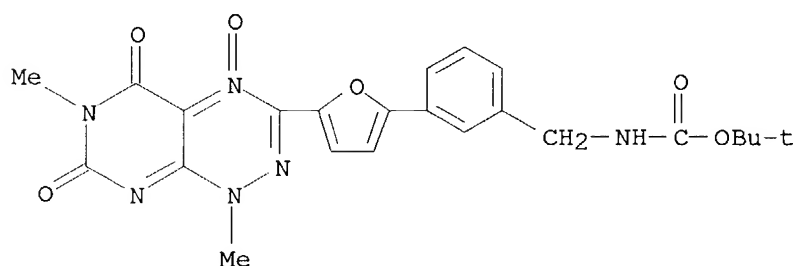
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[5-[4-(hydroxymethyl)phenyl]-2-furanyl]-1,6-dimethyl-, 4-oxide (9CI) (CA INDEX NAME)

10/760,509



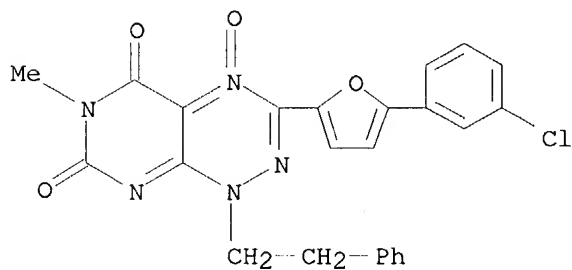
RN 647024-28-0 CAPLUS

CN Carbamic acid, [[3-[5-(1,5,6,7-tetrahydro-1,6-dimethyl-4-oxido-5,7-dioxypyrimido[5,4-e]-1,2,4-triazin-3-yl)-2-furanyl]phenyl]methyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



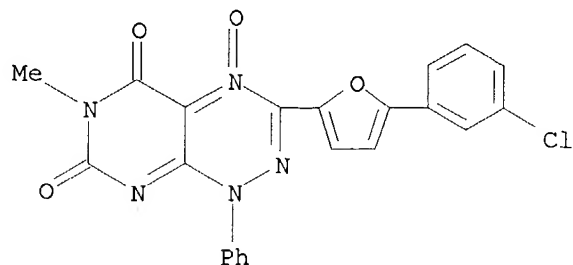
RN 647024-29-1 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[5-(3-chlorophenyl)-2-furanyl]-6-methyl-1-(2-phenylethyl)-, 4-oxide (9CI) (CA INDEX NAME)



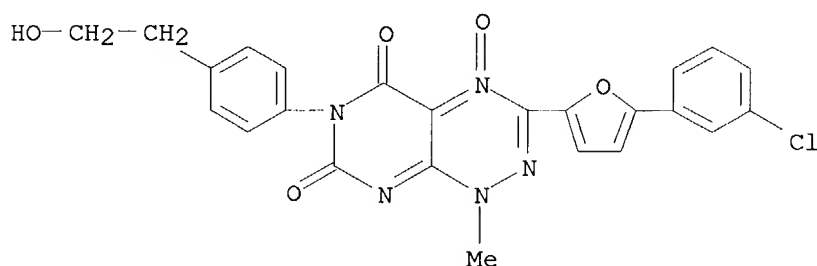
RN 647024-30-4 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[5-(3-chlorophenyl)-2-furanyl]-6-methyl-1-phenyl-, 4-oxide (9CI) (CA INDEX NAME)



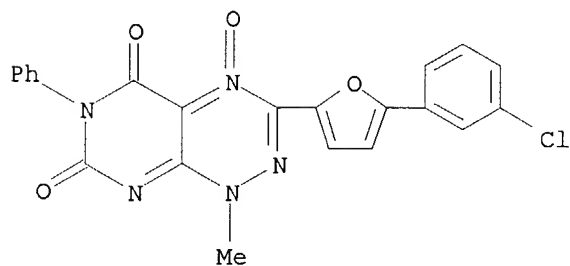
RN 647024-31-5 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[5-(3-chlorophenyl)-2-furanyl]-6-[4-(2-hydroxyethyl)phenyl]-1-methyl-, 4-oxide (9CI) (CA INDEX NAME)



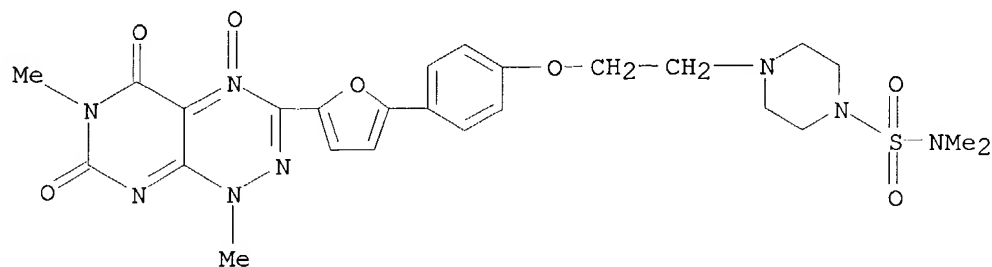
RN 647024-32-6 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[5-(3-chlorophenyl)-2-furanyl]-1-methyl-6-phenyl-, 4-oxide (9CI) (CA INDEX NAME)



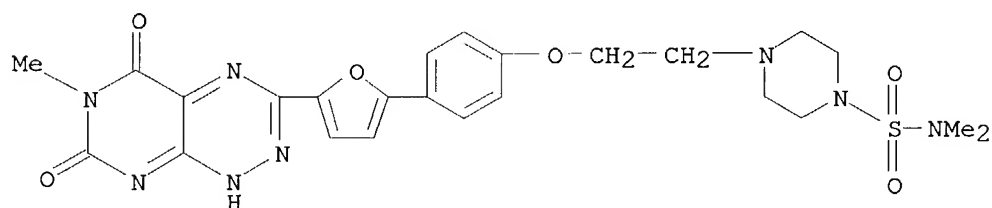
RN 647024-33-7 CAPLUS

CN 1-Piperazinesulfonamide, N,N-dimethyl-4-[2-[4-[5-(1,5,6,7-tetrahydro-1,6-dimethyl-4-oxido-5,7-dioxypyrimido[5,4-e]-1,2,4-triazin-3-yl)-2-furanyl]phenoxy]ethyl]- (9CI) (CA INDEX NAME)



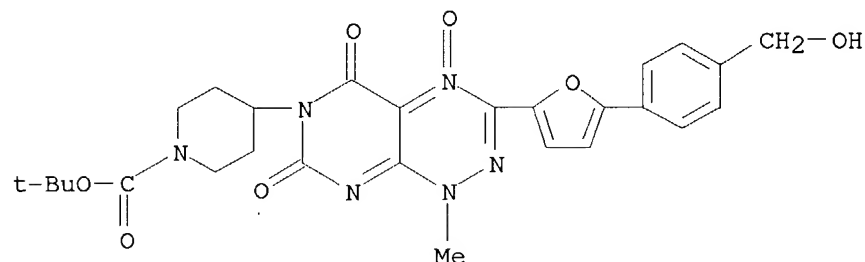
RN 647024-34-8 CAPLUS

CN 1-Piperazinesulfonamide, N,N-dimethyl-4-[2-[4-[5-(1,5,6,7-tetrahydro-6-methyl-5,7-dioxopyrimido[5,4-e]-1,2,4-triazin-3-yl)-2-furanyl]phenoxy]ethyl]- (9CI) (CA INDEX NAME)



RN 647024-37-1 CAPLUS

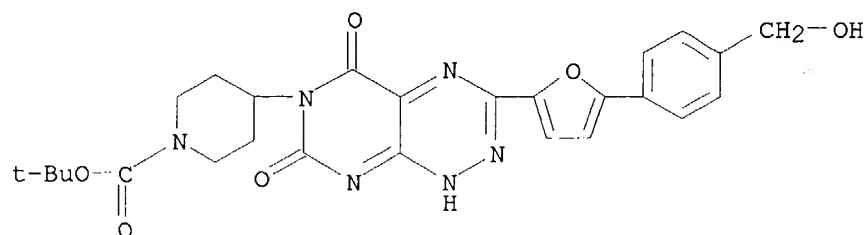
CN 1-Piperidinecarboxylic acid, 4-[1,7-dihydro-3-[5-[4-(hydroxymethyl)phenyl]-2-furanyl]-1-methyl-4-oxido-5,7-dioxopyrimido[5,4-e]-1,2,4-triazin-6(5H)-yl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



RN 647024-38-2 CAPLUS

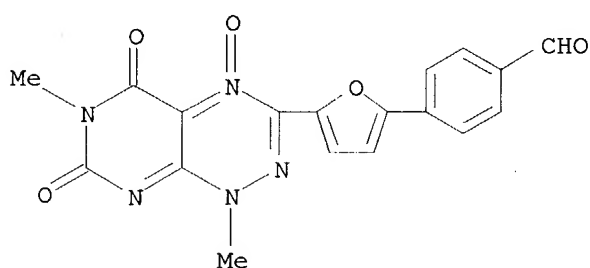
CN 1-Piperidinecarboxylic acid, 4-[1,7-dihydro-3-[5-[4-(hydroxymethyl)phenyl]-2-furanyl]-5,7-dioxopyrimido[5,4-e]-1,2,4-triazin-6(5H)-yl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)





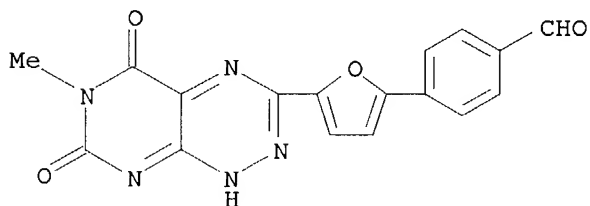
RN 647024-39-3 CAPLUS

CN Benzaldehyde, 4-[5-(1,5,6,7-tetrahydro-1,6-dimethyl-4-oxido-5,7-dioxypyrimido[5,4-e]-1,2,4-triazin-3-yl)-2-furanyl]- (9CI) (CA INDEX NAME)



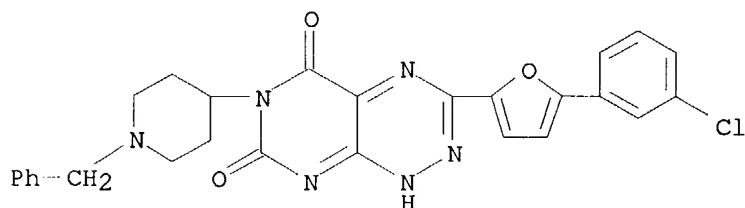
RN 647024-40-6 CAPLUS

CN Benzaldehyde, 4-[5-(1,5,6,7-tetrahydro-6-methyl-5,7-dioxypyrimido[5,4-e]-1,2,4-triazin-3-yl)-2-furanyl]- (9CI) (CA INDEX NAME)



RN 647024-41-7 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[5-(3-chlorophenyl)-2-furanyl]-6-[1-(phenylmethyl)-4-piperidinyl]- (9CI) (CA INDEX NAME)



RE.CNT 3

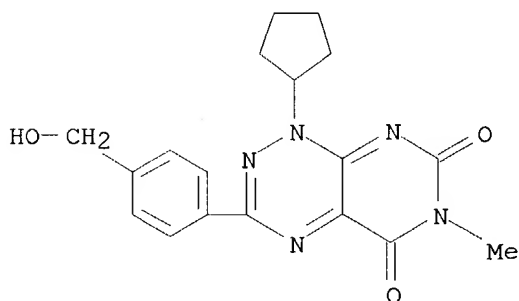
THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

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10/760,509

L5 ANSWER 6 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 2004:60511 CAPLUS  
DN 140:111194  
TI Preparation of 3-phenyl analogs of toxoflavine as kinase inhibitors  
IN Lacrampe, Jean Fernand Armand; Connors, Richard William; Ho, Chih Yung;  
Richardson, Alan; Freyne, Eddy Jean Edgard; Buijnsters, Peter Jacobus  
Johannes; Bakker, Annette Cornelia  
PA Janssen Pharmaceutica N.V., Belg.  
SO PCT Int. Appl., 71 pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 1

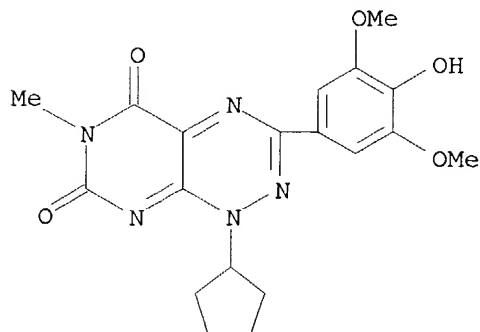
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	WO 2004007498	C2	20040812		
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
PRAI	EP 2002-77823	A	20020715		
OS	MARPAT 140:111194				
IT	646070-43-1P 646070-45-3P 646070-48-6P 646070-50-0P 646070-52-2P 646070-56-6P 646070-57-7P 646070-58-8P 646070-59-9P 646070-60-2P 646070-66-8P				
	RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses) (preparation of 3-Ph analogs of toxoflavin as kinase inhibitors)				
RN	646070-43-1	CAPLUS			
CN	Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-cyclopentyl-3-[4-(hydroxymethyl)phenyl]-6-methyl- (9CI) (CA INDEX NAME)				



RN 646070-45-3 CAPLUS

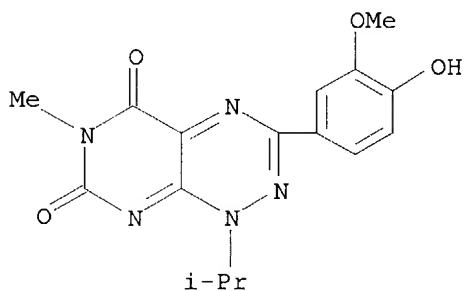
10/760,509

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-cyclopentyl-3-(4-hydroxy-3,5-dimethoxyphenyl)-6-methyl- (9CI) (CA INDEX NAME)



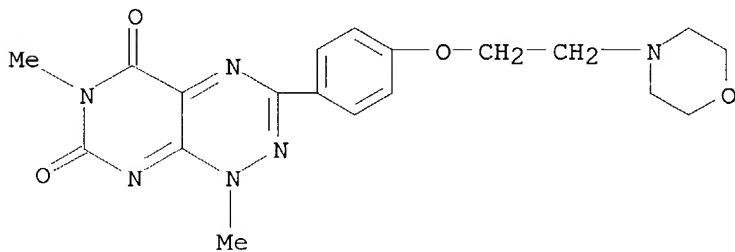
RN 646070-48-6 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-hydroxy-3-methoxyphenyl)-6-methyl-1-(1-methylethyl)- (9CI) (CA INDEX NAME)



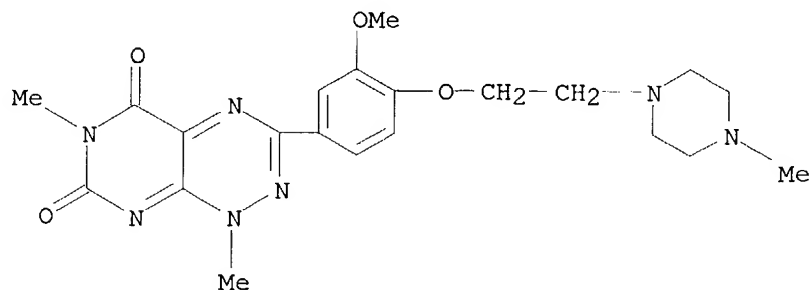
RN 646070-50-0 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-[4-[2-(4-morpholinyl)ethoxy]phenyl]- (9CI) (CA INDEX NAME)



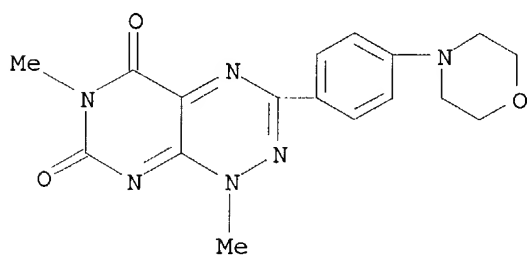
RN 646070-52-2 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[3-methoxy-4-[2-(4-methyl-1-piperazinyl)ethoxy]phenyl]-1,6-dimethyl- (9CI) (CA INDEX NAME)



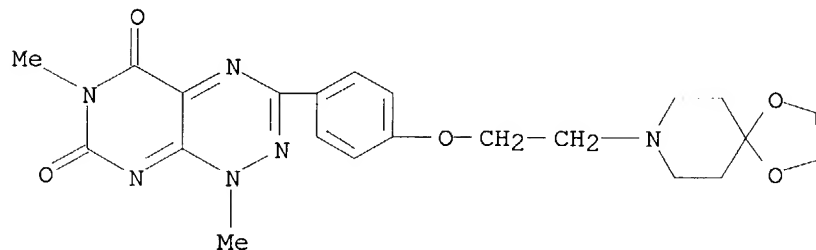
RN 646070-56-6 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-[4-(4-morpholinyl)phenyl]- (9CI) (CA INDEX NAME)



RN 646070-57-7 CAPLUS

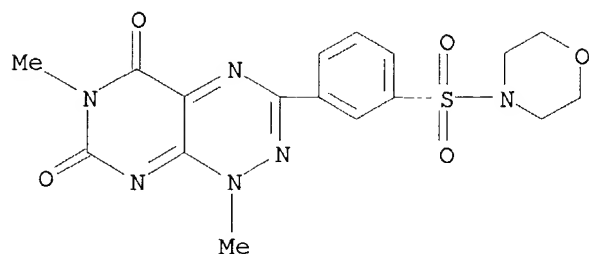
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[4-[2-(1,4-dioxo-8-azaspiro[4.5]dec-8-yl)ethoxy]phenyl]-1,6-dimethyl- (9CI) (CA INDEX NAME)



RN 646070-58-8 CAPLUS

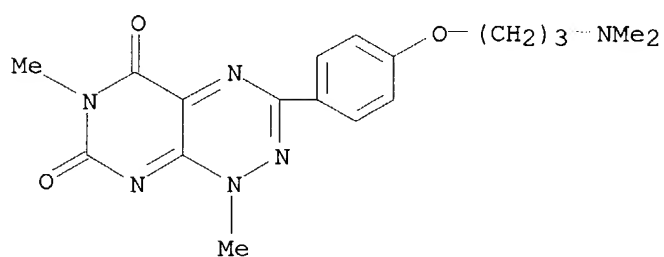
CN Morpholine, 4-[[3-(1,5,6,7-tetrahydro-1,6-dimethyl-5,7-dioxopyrimido[5,4-e]-1,2,4-triazin-3-yl)phenyl]sulfonyl]- (9CI) (CA INDEX NAME)

10/760,509



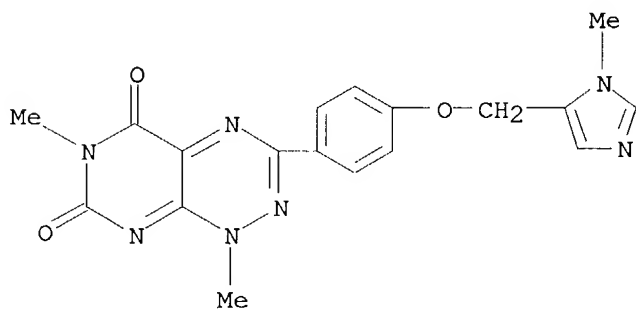
RN 646070-59-9 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[4-[3-(dimethylamino)propoxy]phenyl]-1,6-dimethyl- (9CI) (CA INDEX NAME)



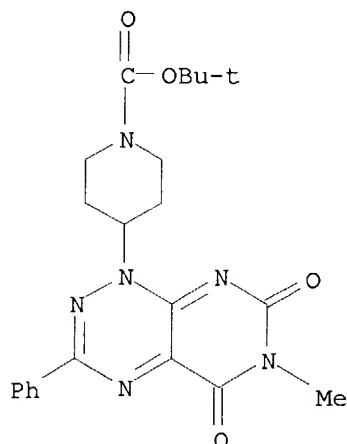
RN 646070-60-2 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-[4-[(1-methyl-1H-imidazol-5-yl)methoxy]phenyl]- (9CI) (CA INDEX NAME)



RN 646070-66-8 CAPLUS

CN 1-Piperidinecarboxylic acid, 4-(6,7-dihydro-6-methyl-5,7-dioxo-3-phenylpyrimido[5,4-e]-1,2,4-triazin-1(5H)-yl)-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



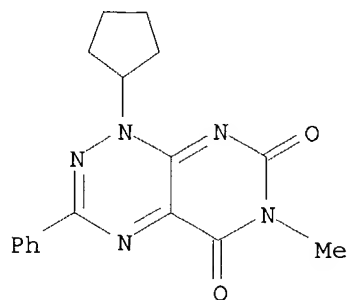
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RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU  
 (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES  
 (Uses)

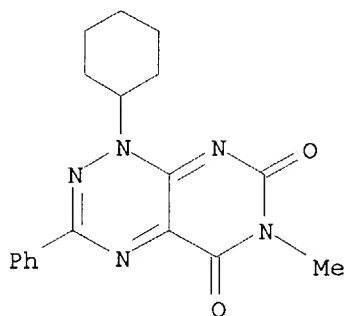
(preparation of 3-Ph analogs of toxoflavin as kinase inhibitors)

RN 164520-14-3 CAPLUS

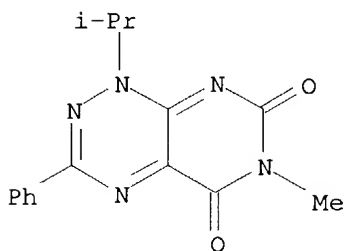
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-cyclopentyl-6-methyl-3-phenyl- (9CI) (CA INDEX NAME)



RN 164520-15-4 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-cyclohexyl-6-methyl-3-phenyl- (9CI) (CA INDEX NAME)

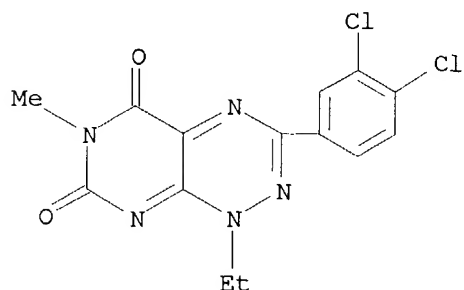


RN 164520-16-5 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-1-(1-methylethyl)-3-phenyl- (9CI) (CA INDEX NAME)

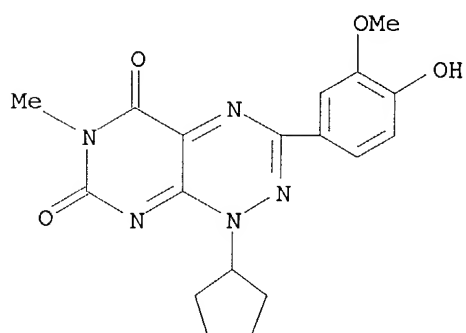


RN 296266-45-0 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3,4-dichlorophenyl)-1-ethyl-6-methyl- (9CI) (CA INDEX NAME)

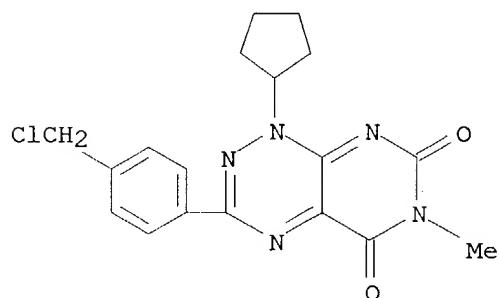




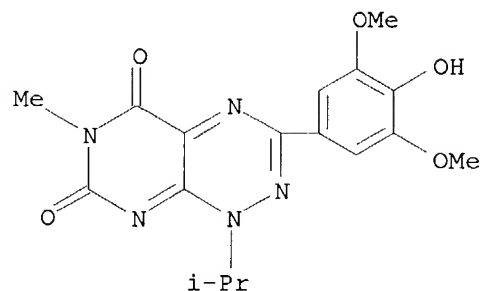
RN 646070-42-0 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-cyclopentyl-3-(4-hydroxy-3-methoxyphenyl)-6-methyl- (9CI) (CA INDEX NAME)



RN 646070-44-2 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[4-(chloromethyl)phenyl]-1-cyclopentyl-6-methyl- (9CI) (CA INDEX NAME)

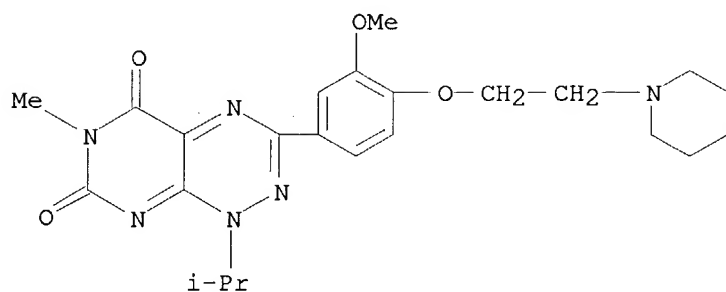


RN 646070-47-5 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-hydroxy-3,5-dimethoxyphenyl)-6-methyl-1-(1-methylethyl)- (9CI) (CA INDEX NAME)



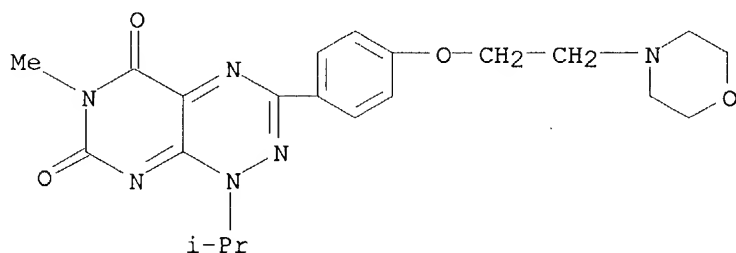
RN 646070-49-7 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[3-methoxy-4-[2-(1-piperidinyl)ethoxy]phenyl]-6-methyl-1-(1-methylethyl)- (9CI) (CA INDEX NAME)



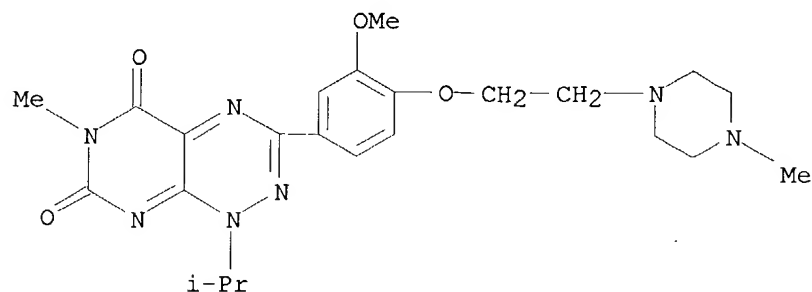
RN 646070-51-1 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-1-(1-methylethyl)-3-[4-[2-(4-morpholinyl)ethoxy]phenyl]- (9CI) (CA INDEX NAME)



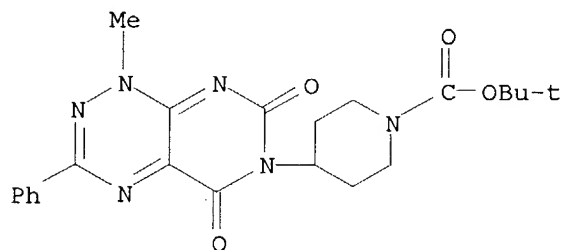
RN 646070-53-3 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[3-methoxy-4-[2-(4-methyl-1-piperazinyl)ethoxy]phenyl]-6-methyl-1-(1-methylethyl)- (9CI) (CA INDEX NAME)



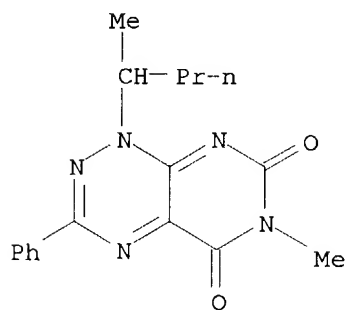
RN 646070-54-4 CAPLUS

CN 1-Piperidinecarboxylic acid, 4-(1,7-dihydro-1-methyl-5,7-dioxo-3-phenylpyrimido[5,4-e]-1,2,4-triazin-6(5H)-yl)-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



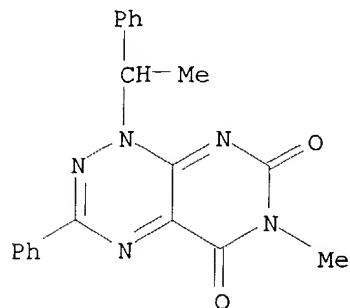
RN 646070-61-3 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-1-(1-methylbutyl)-3-phenyl- (9CI) (CA INDEX NAME)

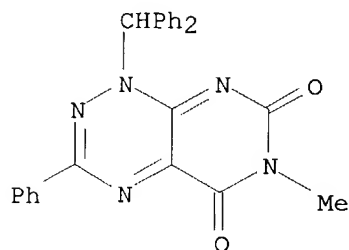


RN 646070-62-4 CAPLUS

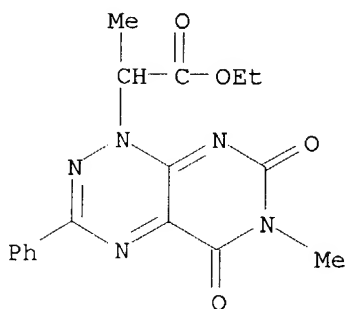
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-3-phenyl-1-(1-phenylethyl)- (9CI) (CA INDEX NAME)



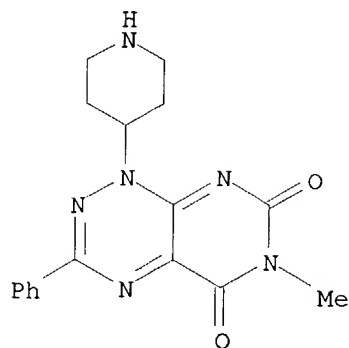
RN 646070-63-5 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-(diphenylmethyl)-6-methyl-3-phenyl- (9CI) (CA INDEX NAME)



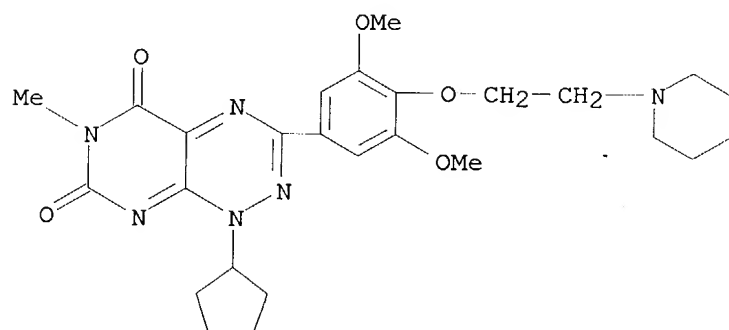
RN 646070-65-7 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-1(5H)-acetic acid, 6,7-dihydro- $\alpha$ ,6-dimethyl-5,7-dioxo-3-phenyl-, ethyl ester (9CI) (CA INDEX NAME)



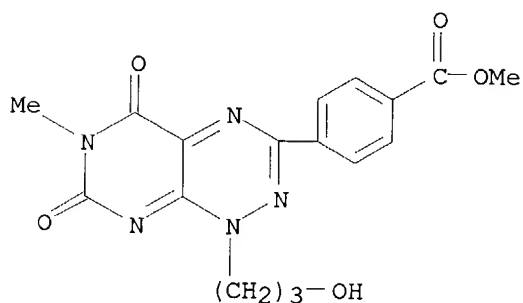
RN 646070-67-9 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-3-phenyl-1-(4-piperidinyl)- (9CI) (CA INDEX NAME)



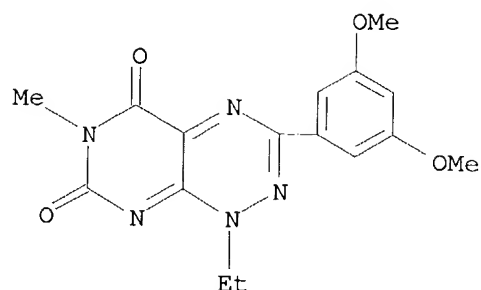
RN 646070-68-0 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-cyclopentyl-3-[3,5-dimethoxy-4-[2-(1-piperidinyl)ethoxy]phenyl]-6-methyl- (9CI) (CA INDEX NAME)



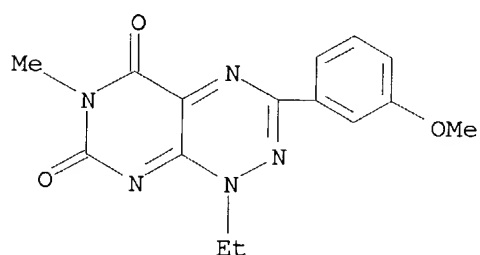
RN 646070-69-1 CAPLUS  
 CN Benzoic acid, 4-[1,5,6,7-tetrahydro-1-(3-hydroxypropyl)-6-methyl-5,7-dioxypyrimido[5,4-e]-1,2,4-triazin-3-yl]-, methyl ester (9CI) (CA INDEX NAME)



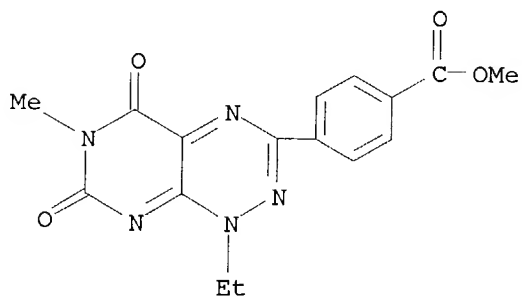
RN 646070-70-4 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3,5-dimethoxyphenyl)-1-ethyl-6-methyl- (9CI) (CA INDEX NAME)



RN 646070-71-5 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-ethyl-3-(3-methoxyphenyl)-6-methyl- (9CI) (CA INDEX NAME)

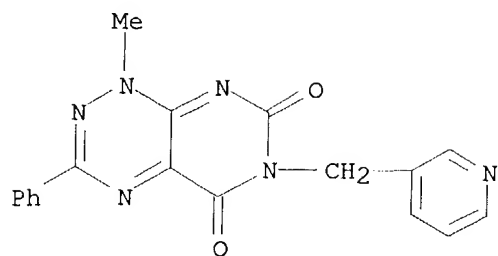


RN 646070-72-6 CAPLUS  
 CN Benzoic acid, 4-(1-ethyl-1,5,6,7-tetrahydro-6-methyl-5,7-dioxopyrimido[5,4-e]-1,2,4-triazin-3-yl)-, methyl ester (9CI) (CA INDEX NAME)



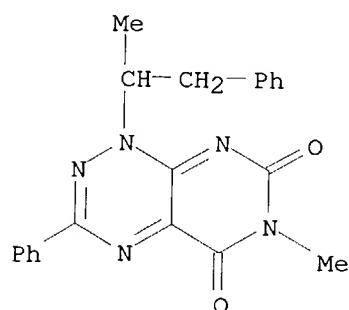
RN 646070-74-8 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-methyl-3-phenyl-6-(3-pyridinylmethyl)- (9CI) (CA INDEX NAME)

10/760,509



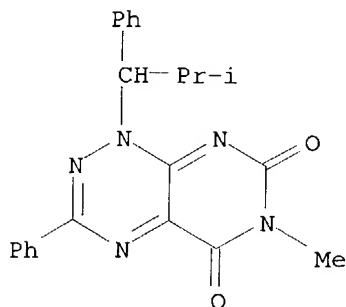
RN 646070-75-9 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-1-(1-methyl-2-phenylethyl)-3-phenyl- (9CI) (CA INDEX NAME)



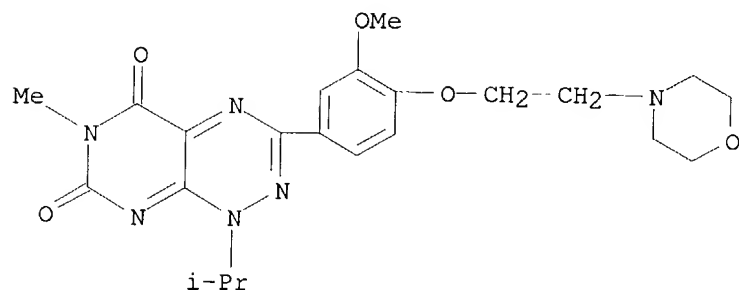
RN 646070-76-0 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-1-(2-methyl-1-phenylpropyl)-3-phenyl- (9CI) (CA INDEX NAME)



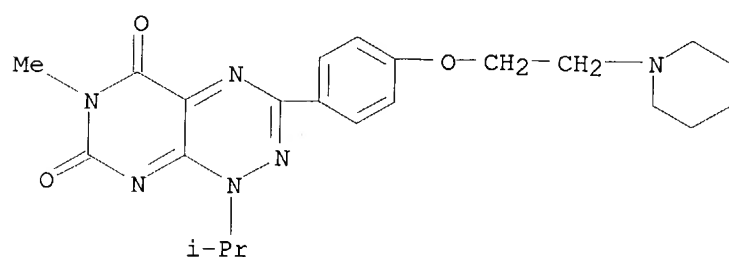
RN 646070-77-1 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[3-methoxy-4-[2-(4-morpholinyl)ethoxy]phenyl]-6-methyl-1-(1-methylethyl)- (9CI) (CA INDEX NAME)



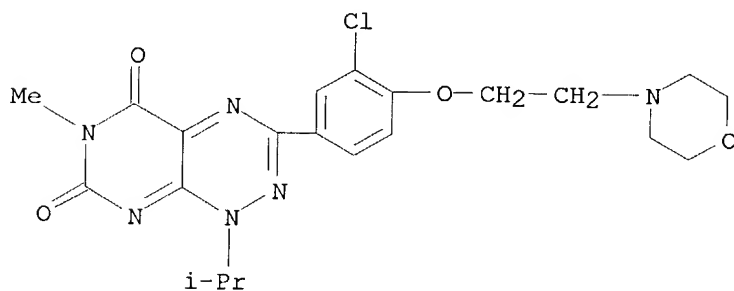
RN 646070-78-2 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-1-(1-methylethyl)-3-[4-[2-(1-piperidinyl)ethoxy]phenyl]- (9CI) (CA INDEX NAME)



RN 646070-79-3 CAPLUS

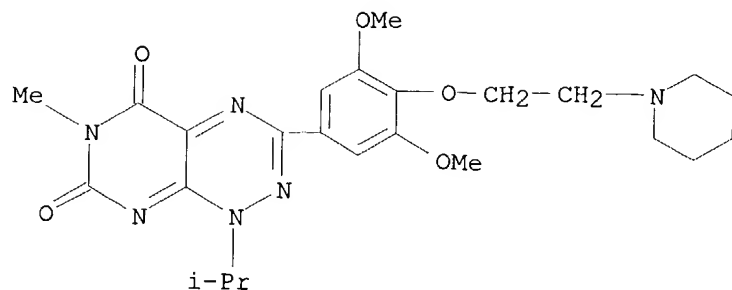
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[3-chloro-4-[2-(4-morpholinyl)ethoxy]phenyl]-6-methyl-1-(1-methylethyl)- (9CI) (CA INDEX NAME)



RN 646070-80-6 CAPLUS

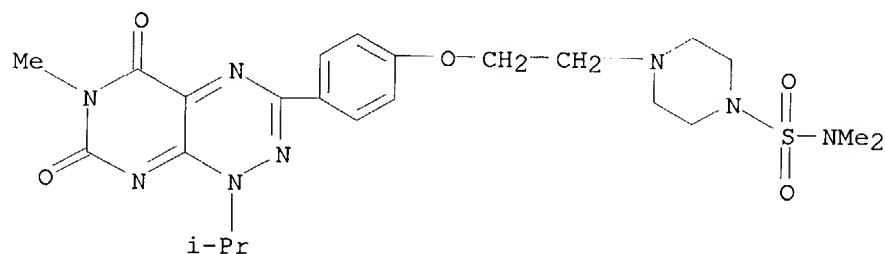
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[3,5-dimethoxy-4-[2-(1-piperidinyl)ethoxy]phenyl]-6-methyl-1-(1-methylethyl)- (9CI) (CA INDEX NAME)





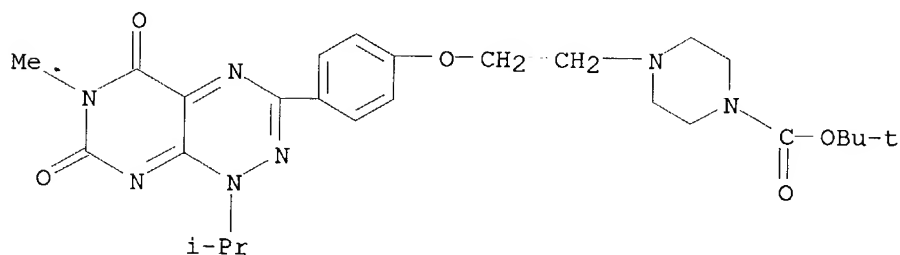
RN 646070-81-7 CAPLUS

CN 1-Piperazinesulfonamide, N,N-dimethyl-4-[2-[4-[1,5,6,7-tetrahydro-6-methyl-1-(1-methylethyl)-5,7-dioxopyrimido[5,4-e]-1,2,4-triazin-3-yl]phenoxy]ethyl]- (9CI) (CA INDEX NAME)



RN 646070-82-8 CAPLUS

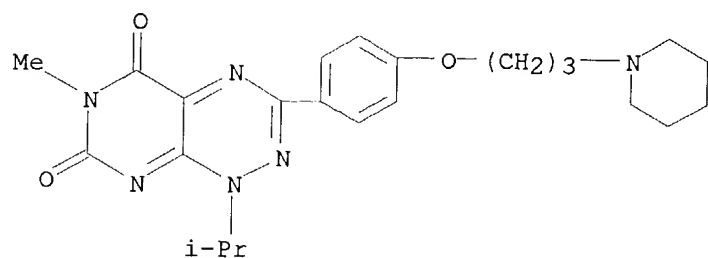
CN 1-Piperazinecarboxylic acid, 4-[2-[4-[1,5,6,7-tetrahydro-6-methyl-1-(1-methylethyl)-5,7-dioxopyrimido[5,4-e]-1,2,4-triazin-3-yl]phenoxy]ethyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



RN 646070-83-9 CAPLUS

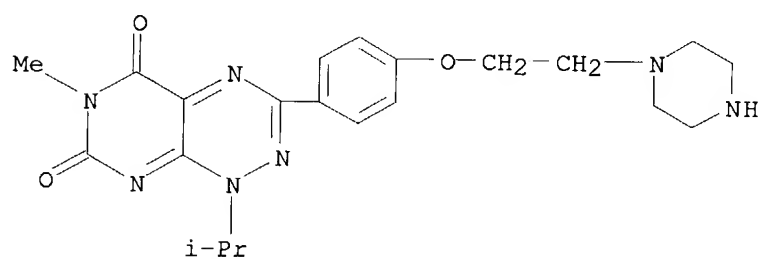
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-1-(1-methylethyl)-3-[4-[3-(1-piperidinyl)propoxy]phenyl]- (9CI) (CA INDEX NAME)

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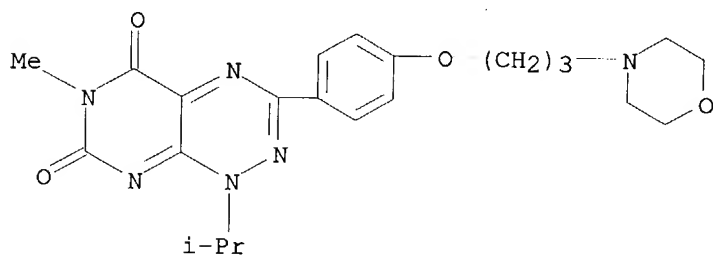
RN 646070-84-0 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-1-(1-methylethyl)-3-[4-[2-(1-piperazinyl)ethoxy]phenyl]- (9CI) (CA INDEX NAME)



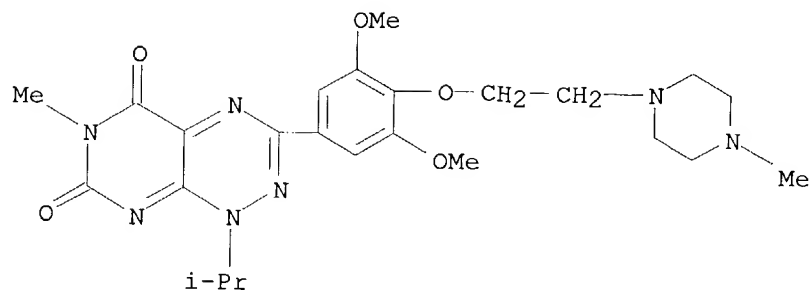
RN 646070-85-1 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-1-(1-methylethyl)-3-[4-[3-(4-morpholinyl)propoxy]phenyl]- (9CI) (CA INDEX NAME)



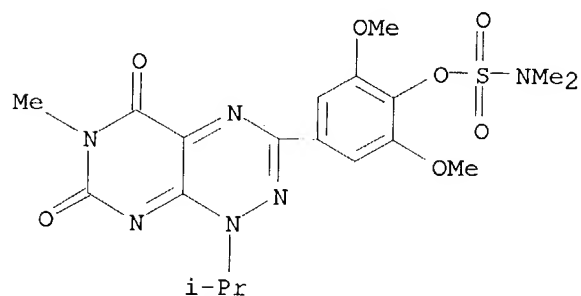
RN 646070-86-2 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[3,5-dimethoxy-4-[2-(4-methyl-1-piperazinyl)ethoxy]phenyl]-6-methyl-1-(1-methylethyl)- (9CI) (CA INDEX NAME)



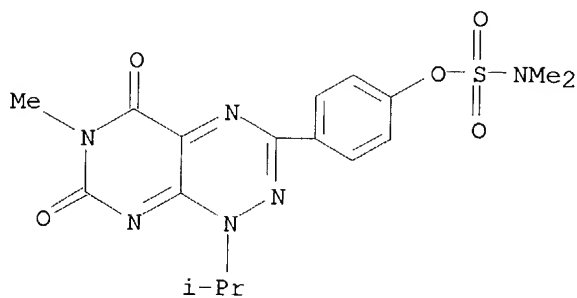
RN 646070-87-3 CAPLUS

CN Sulfamic acid, dimethyl-, 2,6-dimethoxy-4-[1,5,6,7-tetrahydro-6-methyl-1-(1-methylethyl)-5,7-dioxypyrimido[5,4-e]-1,2,4-triazin-3-yl]phenyl ester (9CI) (CA INDEX NAME)



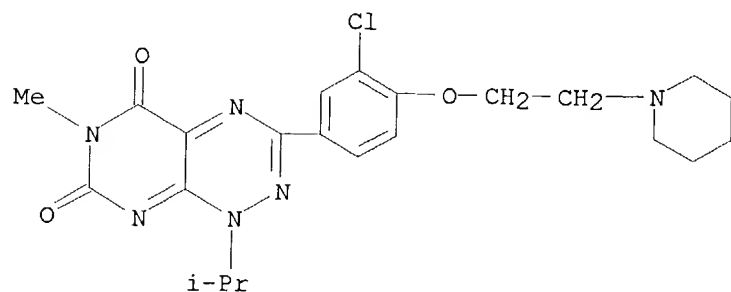
RN 646070-88-4 CAPLUS

CN Sulfamic acid, dimethyl-, 4-[1,5,6,7-tetrahydro-6-methyl-1-(1-methylethyl)-5,7-dioxypyrimido[5,4-e]-1,2,4-triazin-3-yl]phenyl ester (9CI) (CA INDEX NAME)



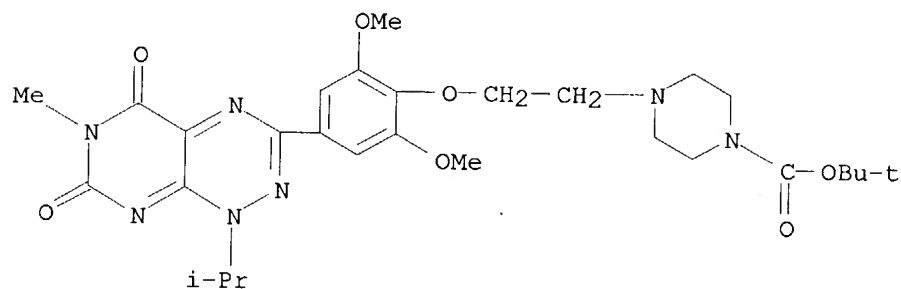
RN 646070-89-5 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[3-chloro-4-[2-(1-piperidinyl)ethoxy]phenyl]-6-methyl-1-(1-methylethyl)- (9CI) (CA INDEX NAME)



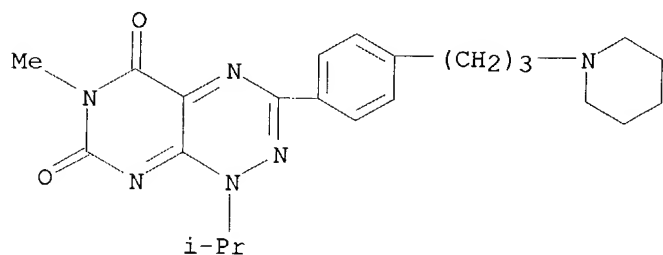
RN 646070-90-8 CAPLUS

CN 1-Piperazinecarboxylic acid, 4-[2-[2,6-dimethoxy-4-[1,5,6,7-tetrahydro-6-methyl-1-(1-methylethyl)-5,7-dioxopyrimido[5,4-e]-1,2,4-triazin-3-yl]phenoxy]ethyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



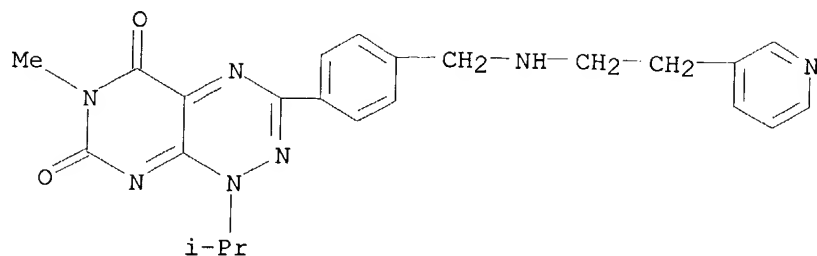
RN 646070-91-9 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-1-(1-methylethyl)-3-[4-[3-(1-piperidinyl)propyl]phenyl]- (9CI) (CA INDEX NAME)



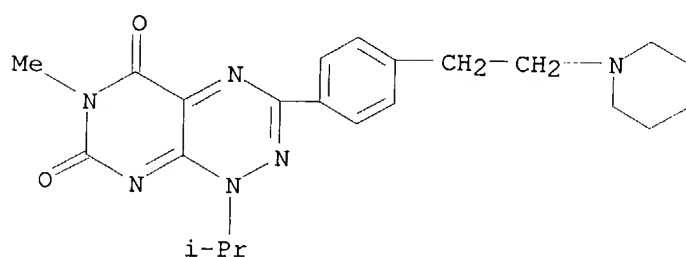
RN 646070-92-0 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-1-(1-methylethyl)-3-[4-[[[2-(3-pyridinyl)ethyl]amino]methyl]phenyl]- (9CI) (CA INDEX NAME)



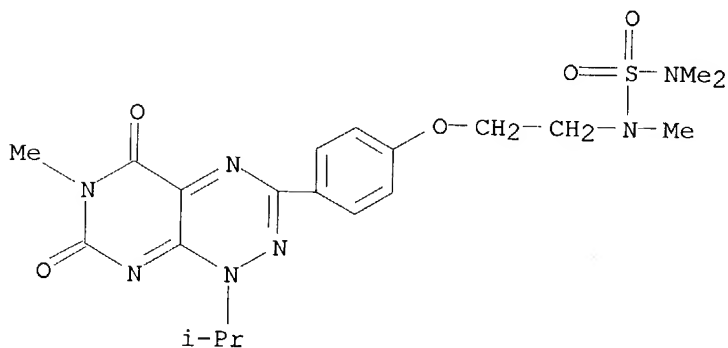
RN 646070-93-1 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-1-(1-methylethyl)-3-[4-[2-(1-piperidinyl)ethyl]phenyl]- (9CI) (CA INDEX NAME)



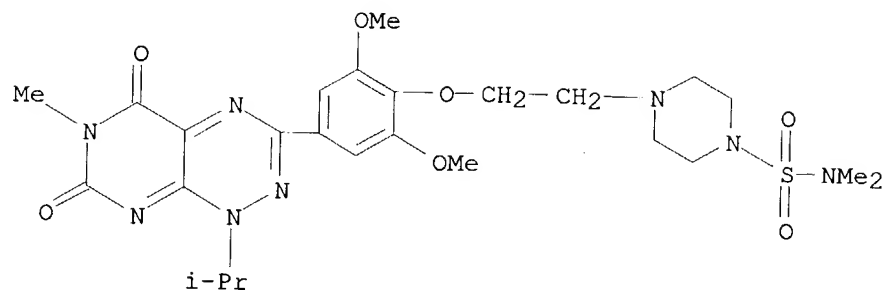
RN 646070-94-2 CAPLUS

CN Sulfamide, N,N,N'-trimethyl-N'-[2-[4-[1,5,6,7-tetrahydro-6-methyl-1-(1-methylethyl)-5,7-dioxypyrimido[5,4-e]-1,2,4-triazin-3-yl]phenoxy]ethyl]- (9CI) (CA INDEX NAME)

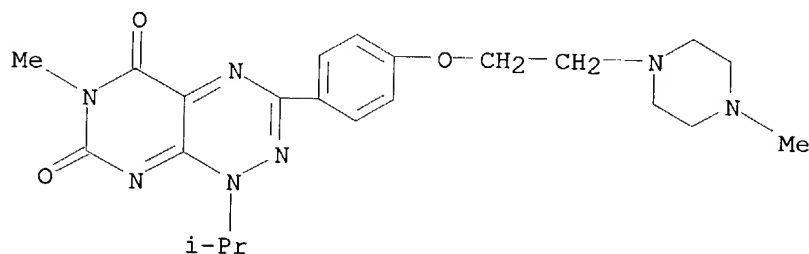


RN 646070-95-3 CAPLUS

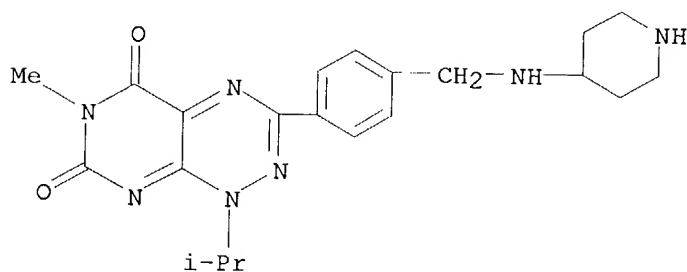
CN 1-Piperazinesulfonamide, 4-[2-[2,6-dimethoxy-4-[1,5,6,7-tetrahydro-6-methyl-1-(1-methylethyl)-5,7-dioxypyrimido[5,4-e]-1,2,4-triazin-3-yl]phenoxy]ethyl]-N,N-dimethyl- (9CI) (CA INDEX NAME)



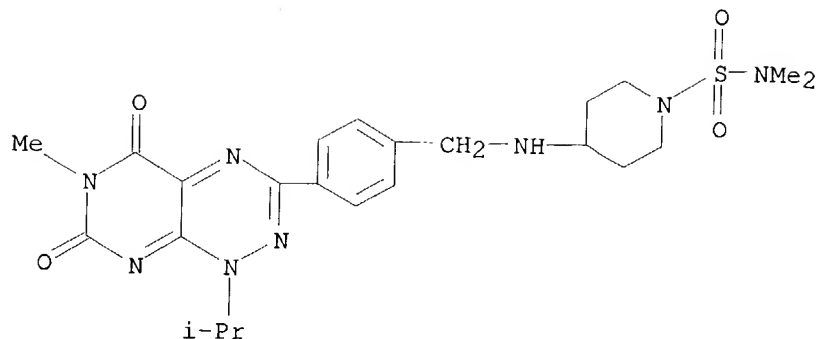
RN 646070-96-4 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-1-(1-methylethyl)-3-[4-[2-(4-methyl-1-piperazinyl)ethoxy]phenyl]- (9CI) (CA INDEX NAME)



RN 646070-97-5 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-1-(1-methylethyl)-3-[4-[(4-piperidinylamino)methyl]phenyl]- (9CI) (CA INDEX NAME)

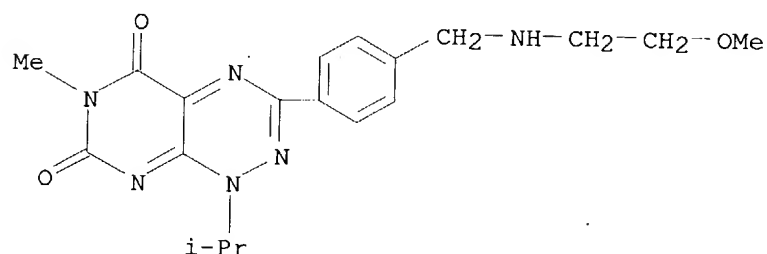


RN 646070-98-6 CAPLUS  
 CN 1-Piperidinesulfonamide, N,N-dimethyl-4-[[[4-[1,5,6,7-tetrahydro-6-methyl-1-(1-methylethyl)-5,7-dioxypyrimido[5,4-e]-1,2,4-triazin-3-yl]phenyl]methyl]amino]- (9CI) (CA INDEX NAME)



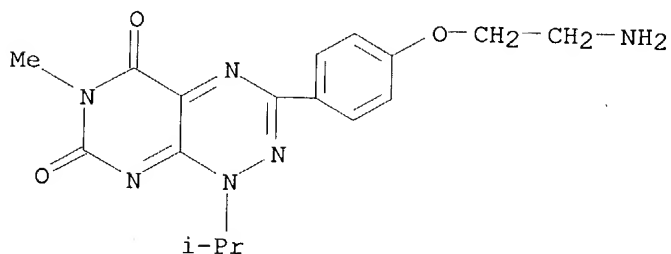
RN 646070-99-7 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[4-[[[2-methoxyethyl]amino]methyl]phenyl]-6-methyl-1-(1-methylethyl)- (9CI) (CA INDEX NAME)



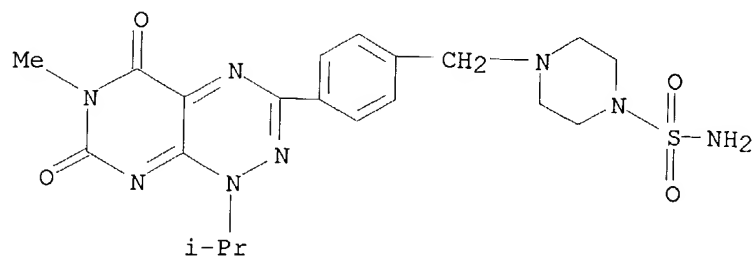
RN 646071-00-3 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[4-(2-aminoethoxy)phenyl]-6-methyl-1-(1-methylethyl)- (9CI) (CA INDEX NAME)



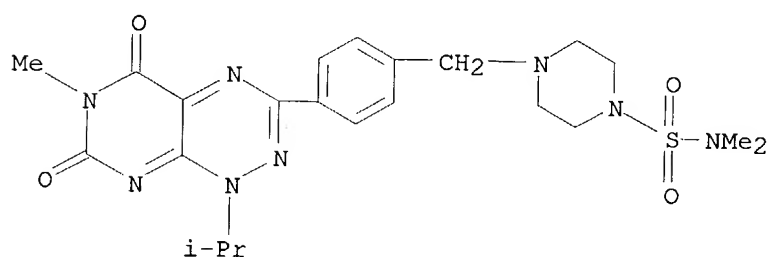
RN 646071-01-4 CAPLUS

CN 1-Piperazinesulfonamide, 4-[[[4-[1,5,6,7-tetrahydro-6-methyl-1-(1-methylethyl)-5,7-dioxypyrimido[5,4-e]-1,2,4-triazin-3-yl]phenyl]methyl]- (9CI) (CA INDEX NAME)



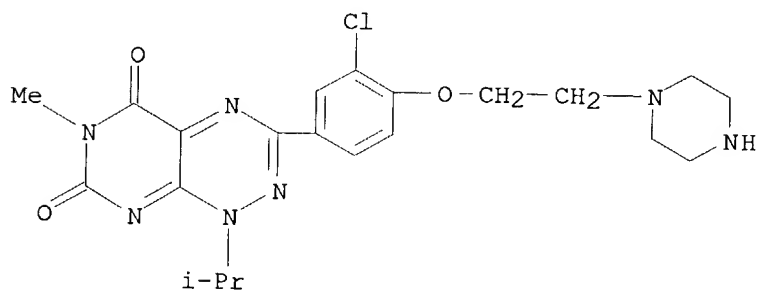
RN 646071-02-5 CAPLUS

CN 1-Piperazinesulfonamide, N,N-dimethyl-4-[[4-[1,5,6,7-tetrahydro-6-methyl-1-(1-methylethyl)-5,7-dioxypyrimido[5,4-e]-1,2,4-triazin-3-yl]phenyl]methyl]- (9CI) (CA INDEX NAME)



RN 646071-03-6 CAPLUS

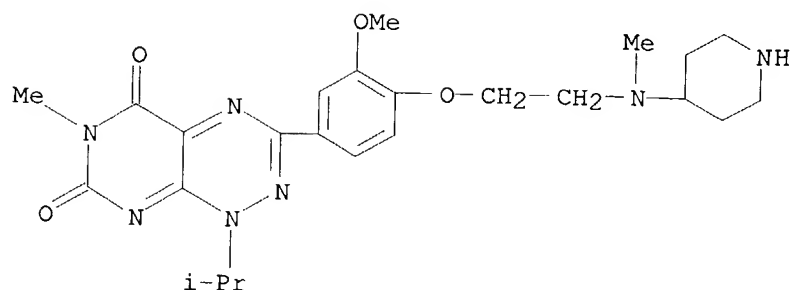
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[3-chloro-4-[2-(1-piperazinyl)ethoxy]phenyl]-6-methyl-1-(1-methylethyl)- (9CI) (CA INDEX NAME)



RN 646071-04-7 CAPLUS

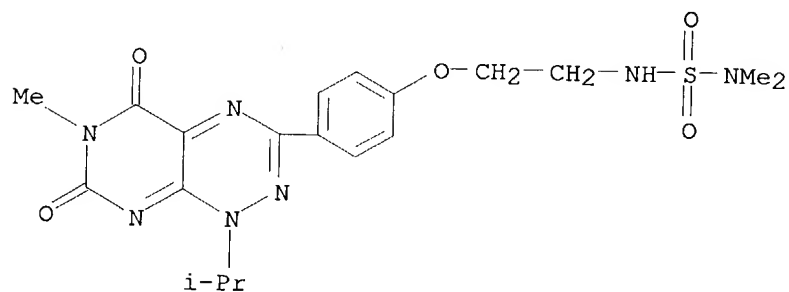
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[3-methoxy-4-[2-(methyl-4-piperidinylamino)ethoxy]phenyl]-6-methyl-1-(1-methylethyl)- (9CI) (CA INDEX NAME)





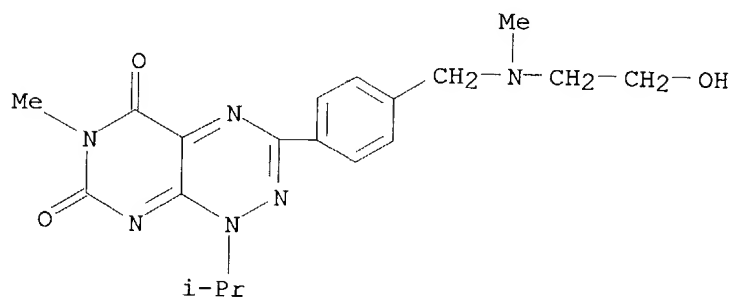
RN 646071-05-8 CAPLUS

CN Sulfamide, N,N-dimethyl-N'-[2-[4-[1,5,6,7-tetrahydro-6-methyl-1-(1-methylethyl)-5,7-dioxypyrimido[5,4-e]-1,2,4-triazin-3-yl]phenoxy]ethyl]- (9CI) (CA INDEX NAME)



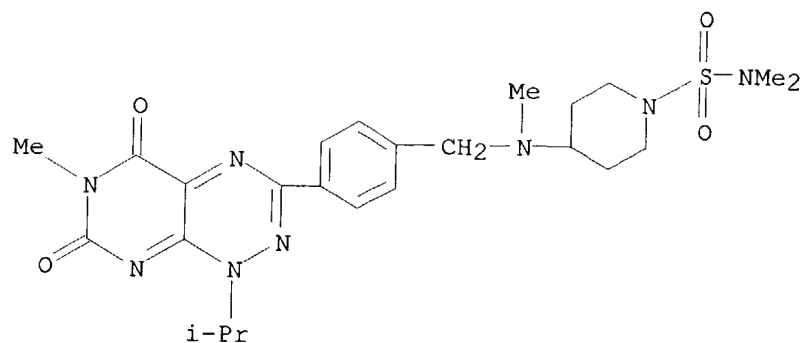
RN 646071-06-9 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[4-[[2-hydroxyethyl)methylamino]methyl]phenyl]-6-methyl-1-(1-methylethyl)- (9CI) (CA INDEX NAME)



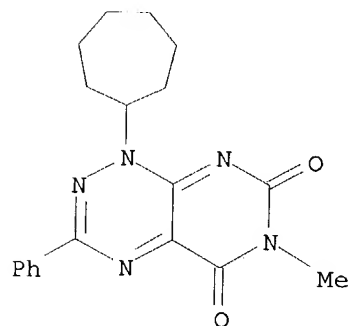
RN 646071-07-0 CAPLUS

CN 1-Piperidinesulfonamide, N,N-dimethyl-4-[methyl[[4-[1,5,6,7-tetrahydro-6-methyl-1-(1-methylethyl)-5,7-dioxypyrimido[5,4-e]-1,2,4-triazin-3-yl]phenyl]methyl]amino]- (9CI) (CA INDEX NAME)



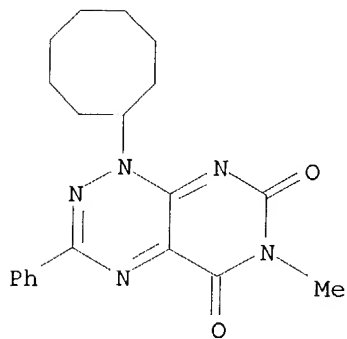
RN 646071-08-1 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-cycloheptyl-6-methyl-3-phenyl- (9CI) (CA INDEX NAME)



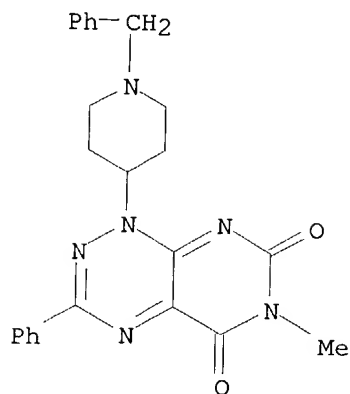
RN 646071-09-2 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-cyclooctyl-6-methyl-3-phenyl- (9CI) (CA INDEX NAME)



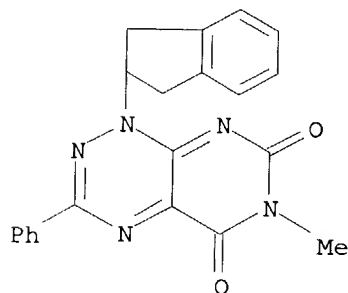
RN 646071-10-5 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-3-phenyl-1-[1-(phenylmethyl)-4-piperidinyl]- (9CI) (CA INDEX NAME)



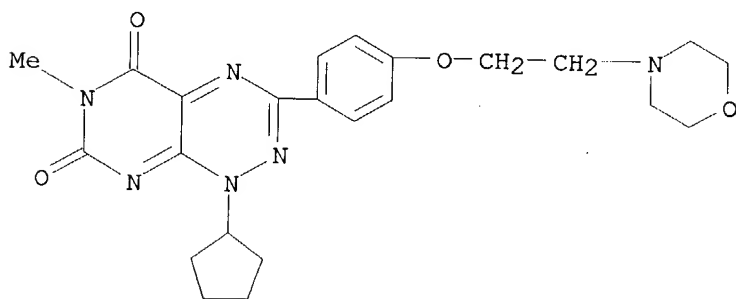
RN 646071-11-6 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-(2,3-dihydro-1H-inden-2-yl)-6-methyl-3-phenyl- (9CI) (CA INDEX NAME)



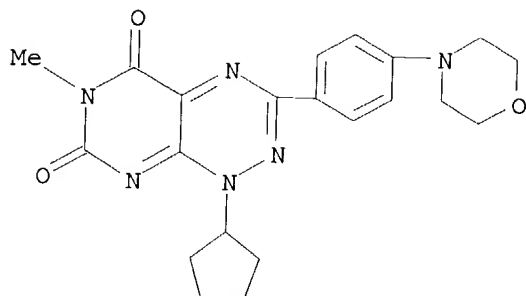
RN 646071-12-7 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-cyclopentyl-6-methyl-3-[4-[2-(4-morpholinyl)ethoxy]phenyl]- (9CI) (CA INDEX NAME)

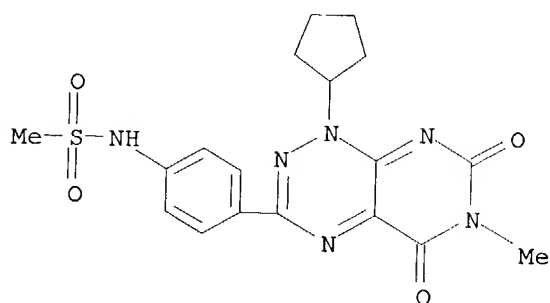


RN 646071-13-8 CAPLUS

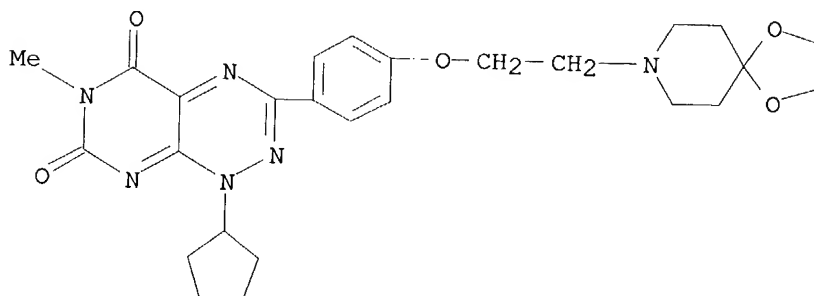
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-cyclopentyl-6-methyl-3-[4-(4-morpholinyl)phenyl]- (9CI) (CA INDEX NAME)



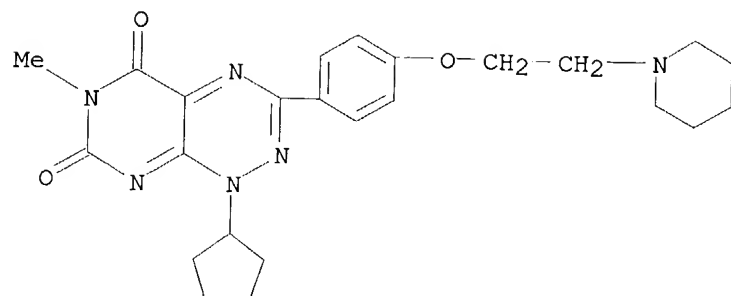
RN 646071-14-9 CAPLUS  
 CN Methanesulfonamide, N-[4-(1-cyclopentyl-1,5,6,7-tetrahydro-6-methyl-5,7-dioxopyrimido[5,4-e]-1,2,4-triazin-3-yl)phenyl]- (9CI) (CA INDEX NAME)



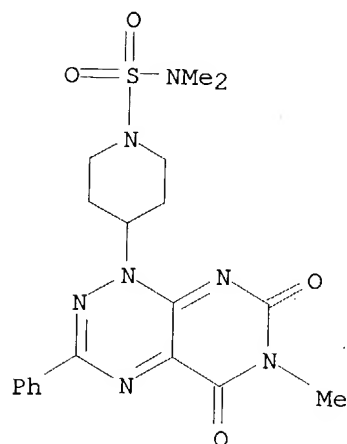
RN 646071-15-0 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-cyclopentyl-3-[4-[2-(1,4-dioxo-8-azaspiro[4.5]dec-8-yl)ethoxy]phenyl]-6-methyl- (9CI) (CA INDEX NAME)



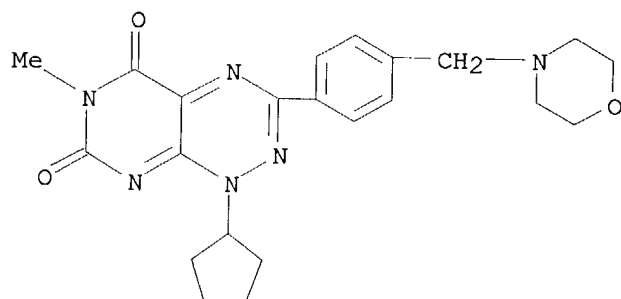
RN 646071-16-1 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-cyclopentyl-6-methyl-3-[4-[2-(1-piperidinyl)ethoxy]phenyl]- (9CI) (CA INDEX NAME)



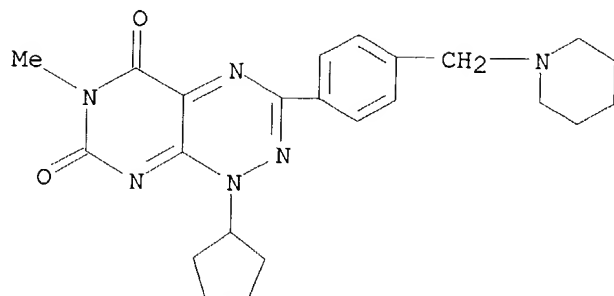
RN 646071-17-2 CAPLUS  
 CN 1-Piperidinesulfonamide, 4-(6,7-dihydro-6-methyl-5,7-dioxo-3-phenylpyrimido[5,4-e]-1,2,4-triazin-1(5H)-yl)-N,N-dimethyl- (9CI) (CA INDEX NAME)



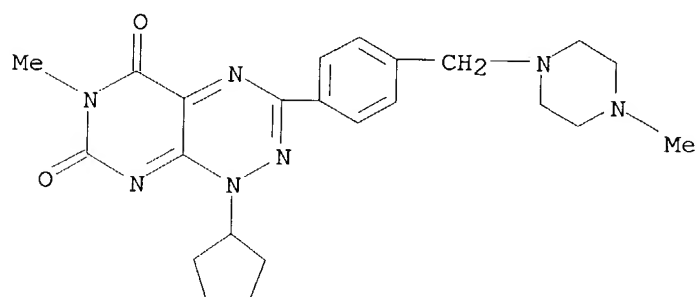
RN 646071-18-3 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-cyclopentyl-6-methyl-3-[4-(4-morpholinylmethyl)phenyl]- (9CI) (CA INDEX NAME)



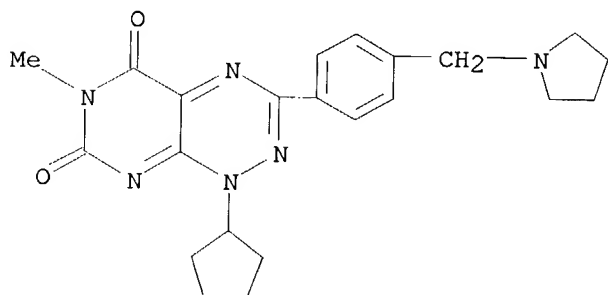
RN 646071-19-4 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-cyclopentyl-6-methyl-3-[4-(1-piperidinylmethyl)phenyl]- (9CI) (CA INDEX NAME)



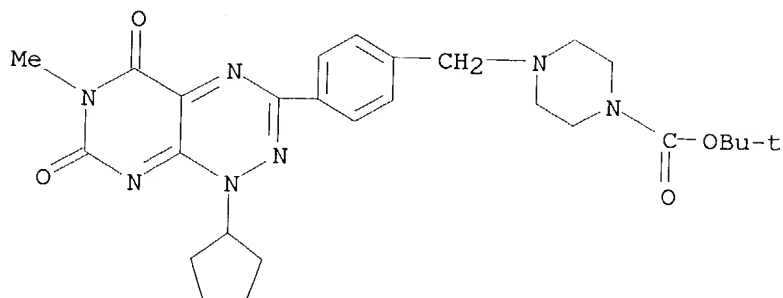
RN 646071-20-7 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-cyclopentyl-6-methyl-3-[4-[(4-methyl-1-piperazinyl)methyl]phenyl]- (9CI) (CA INDEX NAME)



RN 646071-21-8 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-cyclopentyl-6-methyl-3-[4-(1-pyrrolidinylmethyl)phenyl]- (9CI) (CA INDEX NAME)

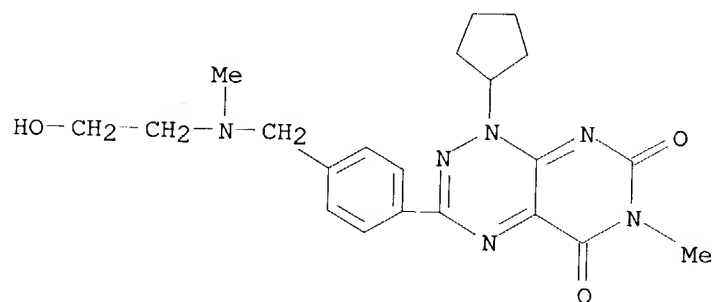


RN 646071-22-9 CAPLUS  
 CN 1-Piperazinecarboxylic acid, 4-[[4-(1-cyclopentyl-1,5,6,7-tetrahydro-6-methyl-5,7-dioxypyrimido[5,4-e]-1,2,4-triazin-3-yl)phenyl]methyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



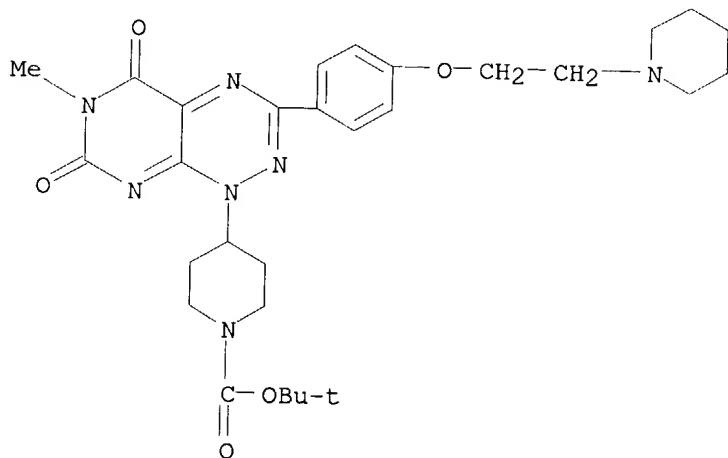
RN 646071-23-0 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-cyclopentyl-3-[4-[[2-hydroxyethyl)methylamino]methyl]phenyl]-6-methyl- (9CI) (CA INDEX NAME)



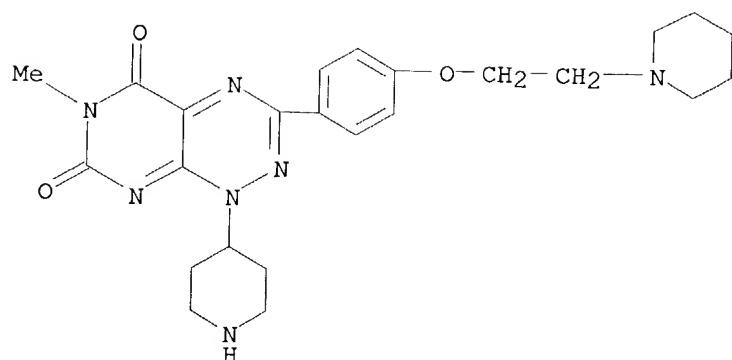
RN 646071-24-1 CAPLUS

CN 1-Piperidinecarboxylic acid, 4-[6,7-dihydro-6-methyl-5,7-dioxo-3-[4-[2-(1-piperidinyl)ethoxy]phenyl]pyrimido[5,4-e]-1,2,4-triazin-1(5H)-yl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



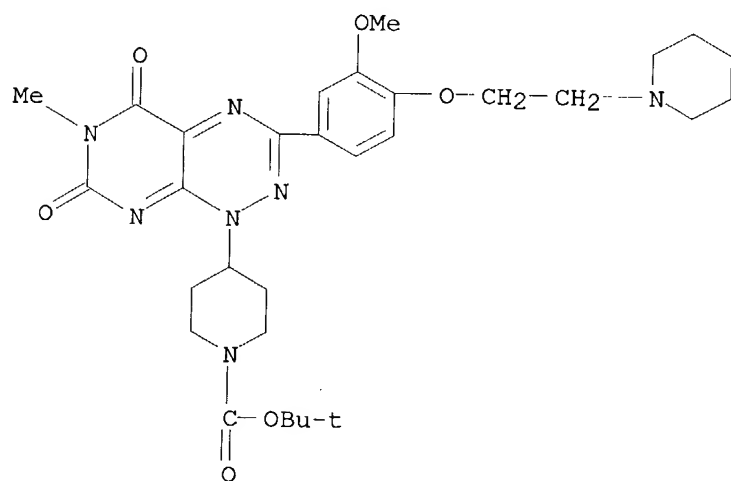
RN 646071-25-2 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-1-(4-piperidinyl)-3-[4-[2-(1-piperidinyl)ethoxy]phenyl]- (9CI) (CA INDEX NAME)



RN 646071-26-3 CAPLUS

CN 1-Piperidinecarboxylic acid, 4-[6,7-dihydro-3-[3-methoxy-4-[2-(1-piperidinyl)ethoxy]phenyl]-6-methyl-5,7-dioxypyrimido[5,4-e]-1,2,4-triazin-1(5H)-yl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

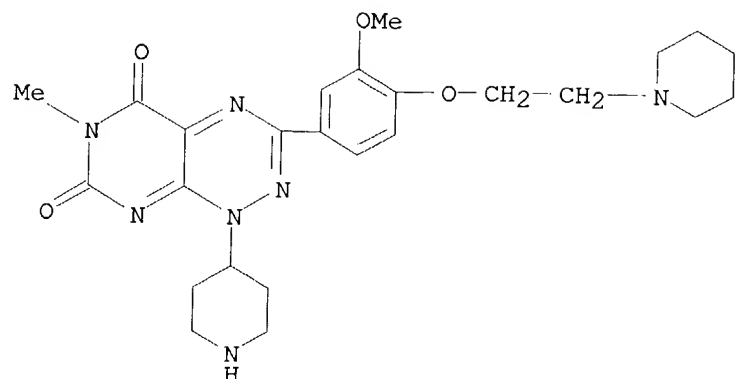


RN 646071-27-4 CAPLUS

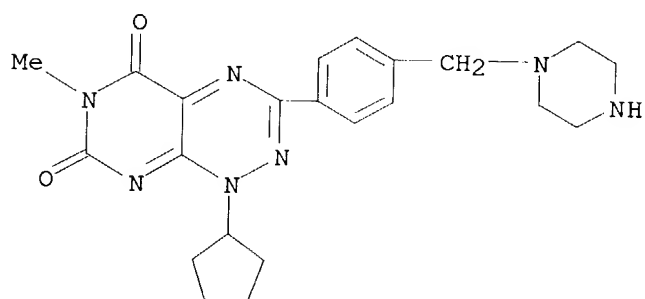
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[3-methoxy-4-[2-(1-piperidinyl)ethoxy]phenyl]-6-methyl-1-(4-piperidinyl)- (9CI) (CA INDEX NAME)



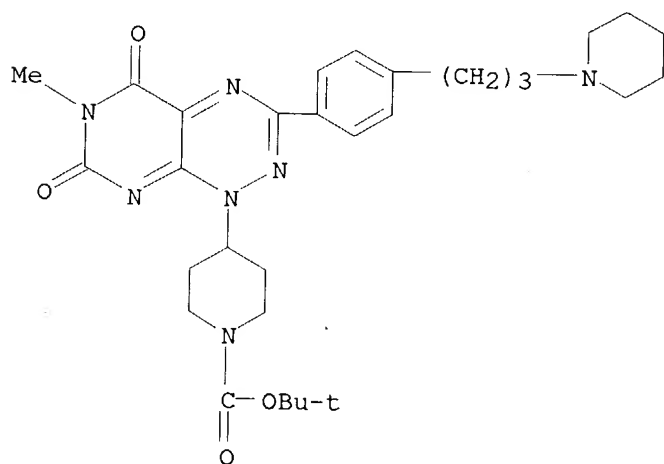
10/760,509



RN 646071-28-5 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-cyclopentyl-6-methyl-3-[4-(1-piperazinylmethoxy)phenyl]- (9CI) (CA INDEX NAME)



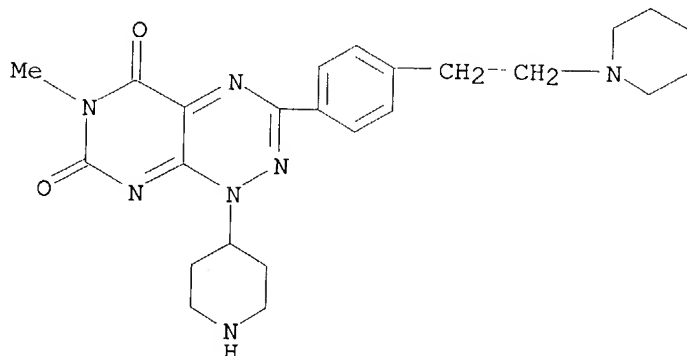
RN 646071-29-6 CAPLUS  
CN 1-Piperidinecarboxylic acid, 4-[6,7-dihydro-6-methyl-5,7-dioxo-3-[4-[3-(1-piperidinyl)propyl]phenyl]pyrimido[5,4-e]-1,2,4-triazin-1(5H)-yl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



RN 646071-30-9 CAPLUS

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CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-1-(4-piperidinyl)-3-[4-[2-(1-piperidinyl)ethyl]phenyl]- (9CI) (CA INDEX NAME)



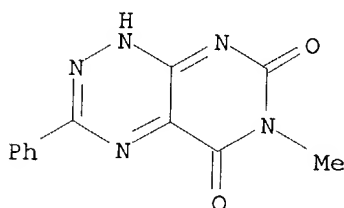
IT 42285-76-7

RL: RCT (Reactant); RACT (Reactant or reagent)

(preparation of 3-Ph analogs of toxoflavin as kinase inhibitors)

RN 42285-76-7 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-3-phenyl- (9CI)  
(CA INDEX NAME)



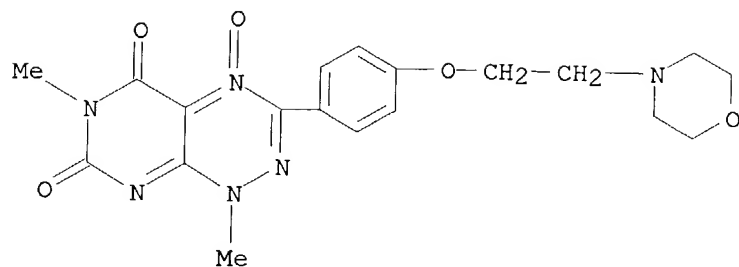
IT 646071-73-0P 646071-75-2P 646071-77-4P  
646071-79-6P 646071-81-0P 646071-83-2P  
646071-85-4P 646071-87-6P 646071-89-8P  
646071-91-2P 646071-93-4P 646071-95-6P  
646071-97-8P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation of 3-Ph analogs of toxoflavin as kinase inhibitors)

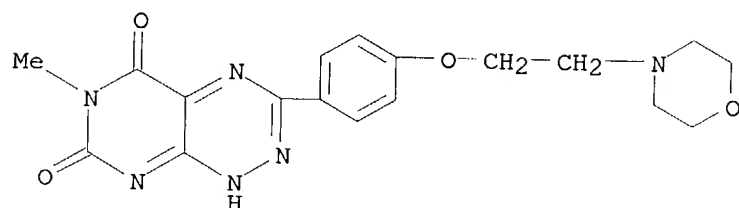
RN 646071-73-0 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-[4-[2-(4-morpholinyl)ethoxy]phenyl]-, 4-oxide (9CI) (CA INDEX NAME)



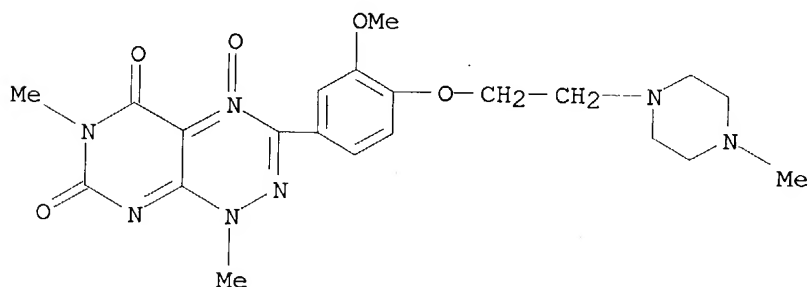
RN 646071-75-2 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-3-[4-[2-(4-morpholinyl)ethoxy]phenyl]- (9CI) (CA INDEX NAME)



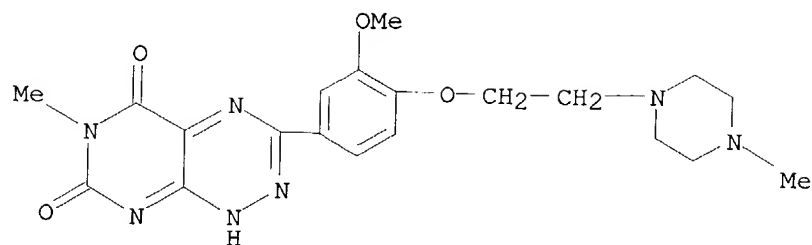
RN 646071-77-4 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[3-methoxy-4-[2-(4-methyl-1-piperazinyl)ethoxy]phenyl]-1,6-dimethyl-, 4-oxide (9CI) (CA INDEX NAME)



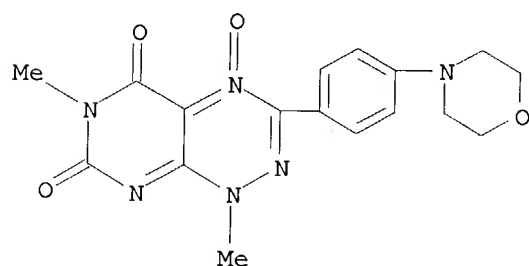
RN 646071-79-6 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[3-methoxy-4-[2-(4-methyl-1-piperazinyl)ethoxy]phenyl]-6-methyl- (9CI) (CA INDEX NAME)



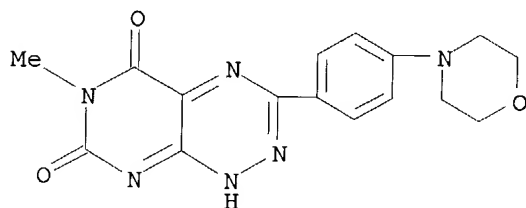
RN 646071-81-0 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-[4-(4-morpholinyl)phenyl]-, 4-oxide (9CI) (CA INDEX NAME)



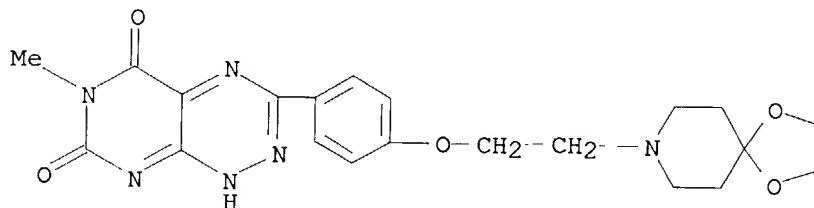
RN 646071-83-2 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-3-[4-(4-morpholinyl)phenyl]- (9CI) (CA INDEX NAME)



RN 646071-85-4 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[4-[2-(1,4-dioxo-8-azaspiro[4.5]dec-8-yl)ethoxy]phenyl]-6-methyl- (9CI) (CA INDEX NAME)

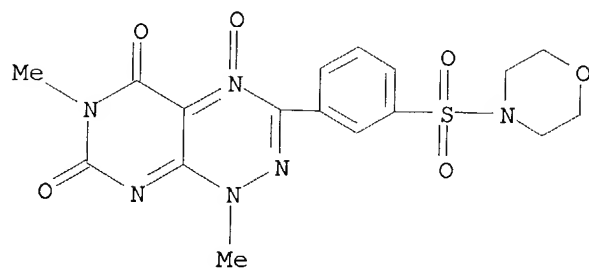


RN 646071-87-6 CAPLUS

CN Morpholine, 4-[[3-(1,5,6,7-tetrahydro-1,6-dimethyl-4-oxido-5,7-

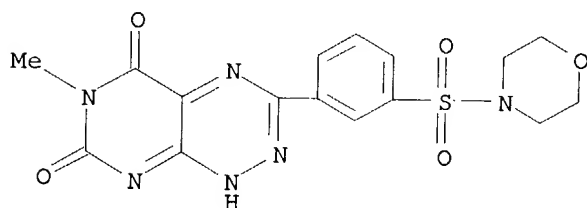
10/760,509

dioxypyrimido[5,4-e]-1,2,4-triazin-3-yl)phenyl]sulfonyl]- (9CI) (CA INDEX NAME)



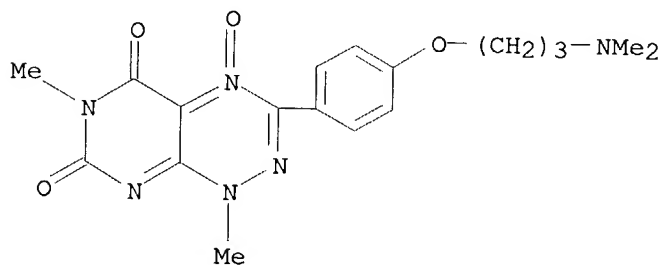
RN 646071-89-8 CAPLUS

CN Morpholine, 4-[[3-(1,5,6,7-tetrahydro-6-methyl-5,7-dioxypyrimido[5,4-e]-1,2,4-triazin-3-yl)phenyl]sulfonyl]- (9CI) (CA INDEX NAME)



RN 646071-91-2 CAPLUS

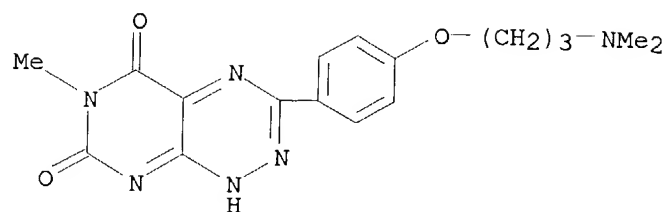
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[4-[3-(dimethylamino)propoxy]phenyl]-1,6-dimethyl-, 4-oxide (9CI) (CA INDEX NAME)



RN 646071-93-4 CAPLUS

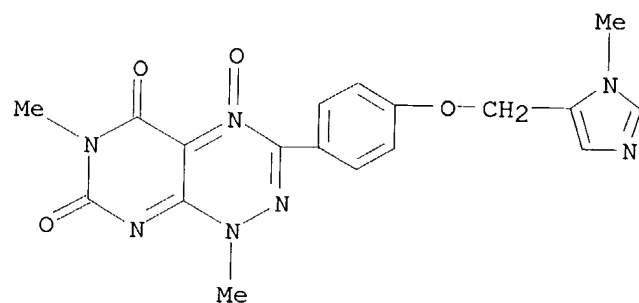
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[4-[3-(dimethylamino)propoxy]phenyl]-6-methyl- (9CI) (CA INDEX NAME)

10/760,509



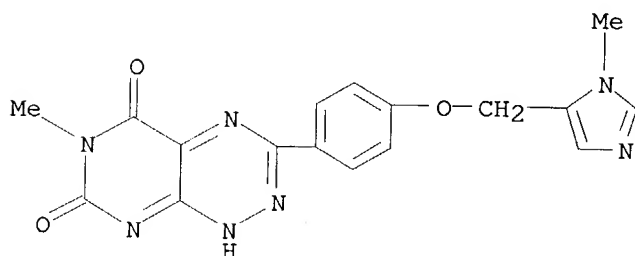
RN 646071-95-6 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-[4-[(1-methyl-1H-imidazol-5-yl)methoxy]phenyl]-, 4-oxide (9CI) (CA INDEX NAME)



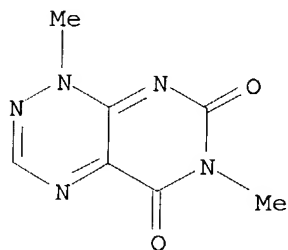
RN 646071-97-8 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-3-[4-[(1-methyl-1H-imidazol-5-yl)methoxy]phenyl]- (9CI) (CA INDEX NAME)



10/760,509

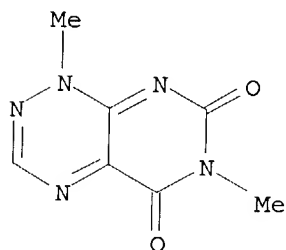
L5 ANSWER 7 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 2003:657337 CAPLUS  
DN 140:14730  
TI Toxoflavin produced by Burkholderia glumae causing rice grain rot is responsible for inducing bacterial wilt in many field crops  
AU Jeong, Yeonhwa; Kim, Jinwoo; Kim, Suhyun; Kang, Yongsung; Nagamatsu, Tomohisa; Hwang, Ingyu  
CS School of Agricultural Biotechnology, Seoul National University, Suwon, 441-744, S. Korea  
SO Plant Disease (2003), 87(8), 890-895  
CODEN: PLDIDE; ISSN: 0191-2917  
PB American Phytopathological Society  
DT Journal  
LA English  
IT **84-82-2**, Toxoflavin  
RL: ADV (Adverse effect, including toxicity); BIOL (Biological study) (toxoflavin produced by Burkholderia glumae causing rice grain rot is responsible for inducing bacterial wilt in many field crops)  
RN 84-82-2 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA INDEX NAME)



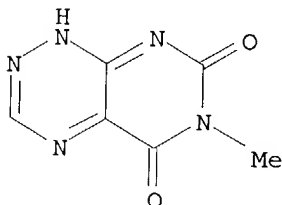
RE.CNT 32 THERE ARE 32 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

10/760,509

L5 ANSWER 8 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 2002:277858 CAPLUS  
DN 137:169331  
TI Syntheses, transformation, and biological activities of 7-azapteridine  
antibiotics: Toxoflavin, fervenulin, reumycin and their analogs  
AU Nagamatsu, Tomohisa  
CS Faculty of Pharmaceutical Sciences, Okayama University, Okayama, 700-8530,  
Japan  
SO Recent Research Developments in Organic & Bioorganic Chemistry (2001),  
4(Pt. 1), 97-121  
CODEN: RDOBFG  
PB Transworld Research Network  
DT Journal; General Review  
LA English  
IT **84-82-2P**, Toxoflavin **5016-18-2P**, Reumycin  
RL: BSU (Biological study, unclassified); SPN (Synthetic preparation);  
BIOL (Biological study); PREP (Preparation)  
(review of syntheses, transformation, and biol. activities of  
7-azapteridine antibiotics, toxoflavin, fervenulin, reumycin and their  
analogues)  
RN 84-82-2 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA  
INDEX NAME)



RN 5016-18-2 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl- (9CI) (CA  
INDEX NAME)

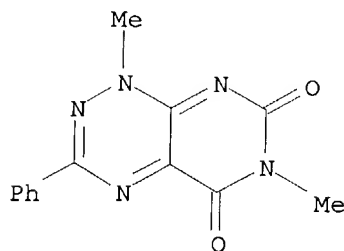


RE.CNT 104 THERE ARE 104 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

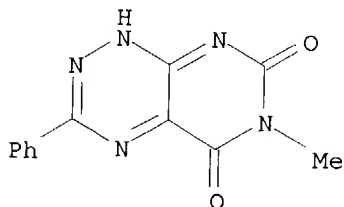


10/760,509

L5 ANSWER 9 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 2001:166470 CAPLUS  
DN 134:311011  
TI General syntheses of 1-alkyltoxoflavin and 8-alkylfervenuin derivatives of biological significance by the regioselective alkylation of reumycin derivatives and the rates of transalkylation from 1-alkyltoxoflavins into nucleophiles  
AU Nagamatsu, Tomohisa; Yamasaki, Hirofumi  
CS Faculty of Pharmaceutical Sciences, Okayama University, Okayama, 700-8530, Japan  
SO Journal of the Chemical Society, Perkin Transactions 1 (2001), (2), 130-137  
CODEN: JCSPCE; ISSN: 1472-7781  
PB Royal Society of Chemistry  
DT Journal  
LA English  
OS CASREACT 134:311011  
IT **32502-63-9P 42285-76-7P**  
RL: PRP (Properties); RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)  
(preparation of 1-alkyltoxoflavin and 8-alkylfervenuin derivs. by the regioselective alkylation of reumycin derivs. and the rates of transalkylation from 1-alkyltoxoflavins into nucleophiles)  
RN 32502-63-9 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-phenyl- (9CI) (CA INDEX NAME)



RN 42285-76-7 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-3-phenyl- (9CI) (CA INDEX NAME)

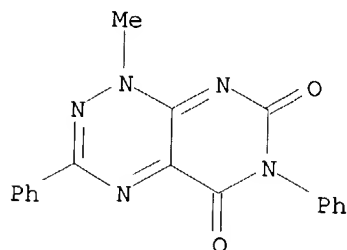


IT 148613-62-1P 148613-80-3P 164520-05-2P  
164520-06-3P 164520-07-4P 164520-08-5P  
164520-09-6P 164520-10-9P 164520-14-3P  
164520-15-4P 164520-16-5P 164520-17-6P  
164520-18-7P 164520-19-8P 335354-42-2P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT  
(Reactant or reagent)  
(preparation of 1-alkyltoxoflavin and 8-alkylfervenuin derivs. by the  
regioselective alkylation of reumycin derivs. and the rates of  
transalkylation from 1-alkyltoxoflavins into nucleophiles)

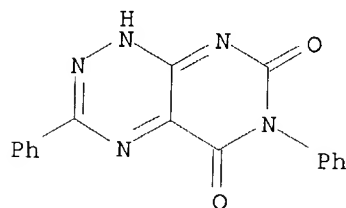
RN 148613-62-1 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-methyl-3,6-diphenyl-  
(9CI) (CA INDEX NAME)



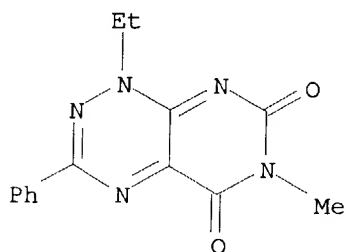
RN 148613-80-3 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3,6-diphenyl- (9CI) (CA  
INDEX NAME)



RN 164520-05-2 CAPLUS

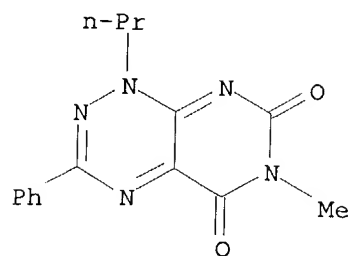
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-ethyl-6-methyl-3-phenyl-  
(9CI) (CA INDEX NAME)



RN 164520-06-3 CAPLUS

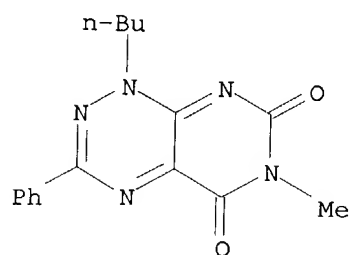
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-3-phenyl-1-  
propyl- (9CI) (CA INDEX NAME)

10/760,509



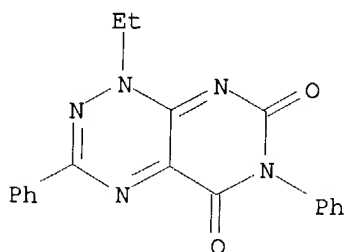
RN 164520-07-4 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-butyl-6-methyl-3-phenyl-  
(9CI) (CA INDEX NAME)



RN 164520-08-5 CAPLUS

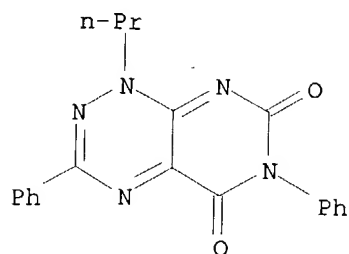
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-ethyl-3,6-diphenyl-  
(9CI) (CA INDEX NAME)



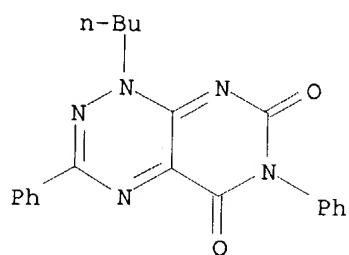
RN 164520-09-6 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3,6-diphenyl-1-propyl-  
(9CI) (CA INDEX NAME)

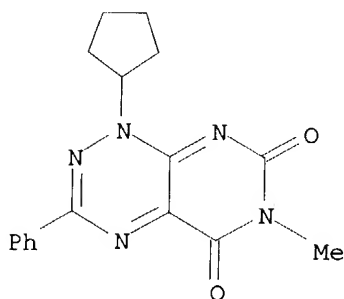
10/760,509



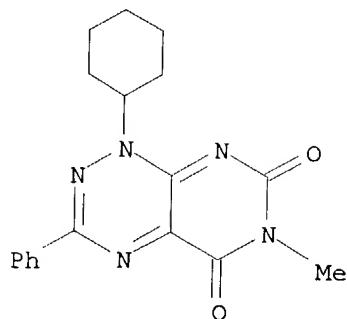
RN 164520-10-9 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-butyl-3,6-diphenyl-  
(9CI) (CA INDEX NAME)



RN 164520-14-3 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-cyclopentyl-6-methyl-3-  
phenyl- (9CI) (CA INDEX NAME)

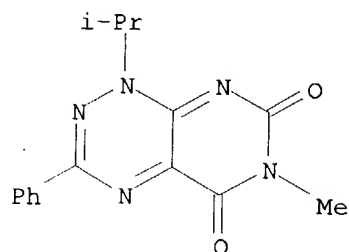


RN 164520-15-4 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-cyclohexyl-6-methyl-3-  
phenyl- (9CI) (CA INDEX NAME)



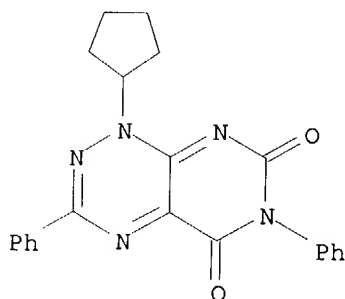
RN 164520-16-5 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-1-(1-methylethyl)-3-phenyl- (9CI) (CA INDEX NAME)



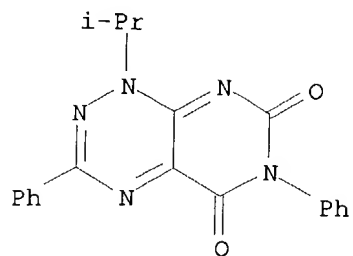
RN 164520-17-6 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-cyclopentyl-3,6-diphenyl- (9CI) (CA INDEX NAME)

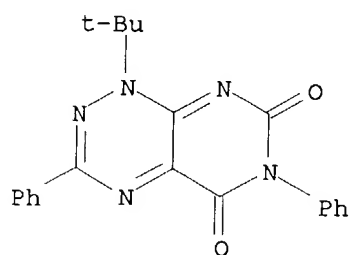


RN 164520-18-7 CAPLUS

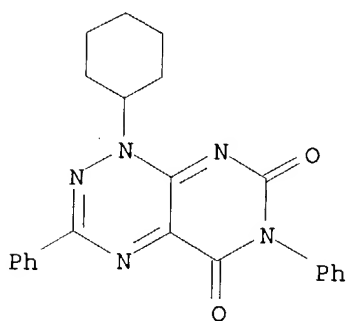
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-(1-methylethyl)-3,6-diphenyl- (9CI) (CA INDEX NAME)



RN 164520-19-8 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-(1,1-dimethylethyl)-3,6-diphenyl- (9CI) (CA INDEX NAME)



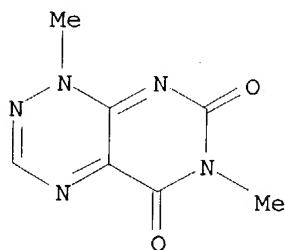
RN 335354-42-2 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-cyclohexyl-3,6-diphenyl- (9CI) (CA INDEX NAME)



RE.CNT 34 THERE ARE 34 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

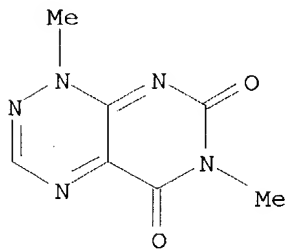
10/760,509

L5 ANSWER 10 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 2000:125649 CAPLUS  
DN 132:265013  
TI 15N NMR study of toxoflavin and fervenulin  
AU Koshino, Hiroyuki; Kono, Yoshiki; Yoneyama, Katsuyoshi; Uzawa, Jun  
CS The Institute of Physical and Chemical Research (RIKEN), Saitama,  
351-0198, Japan  
SO Heterocycles (2000), 52(2), 811-817  
CODEN: HTCYAM; ISSN: 0385-5414  
PB Japan Institute of Heterocyclic Chemistry  
DT Journal  
LA English  
IT **84-82-2**, Toxoflavin  
RL: PRP (Properties)  
(complete 15N NMR study of toxoflavin and fervenulin)  
RN 84-82-2 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA  
INDEX NAME)



RE.CNT 66 THERE ARE 66 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 11 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1999:554 CAPLUS  
DN 130:233031  
TI Molecular characterization of toxoflavin biosynthesis-related gene in  
Pseudomonas (Burkholderia) glumae  
AU Suzuki, Fumihiko; Sawada, Hiroyuki; Matsuda, Izumi  
CS National Inst. of Agro-Environmental Sciences, Tsukuba, 305-8604, Japan  
SO Nippon Shokubutsu Byori Gakkaiho (1998), 64(4), 276-281  
CODEN: NSBGAM; ISSN: 0031-9473  
PB Nippon Shokubutsu Byori Gakkai  
DT Journal  
LA English  
IT **84-82-2**, Toxoflavin  
RL: BSU (Biological study, unclassified); MFM (Metabolic formation); BIOL  
(Biological study); FORM (Formation, nonpreparative)  
(mol. characterization of toxoflavin biosynthesis-related gene in  
Pseudomonas (Burkholderia) glumae, a putative methyltransferase)  
RN 84-82-2 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA  
INDEX NAME)

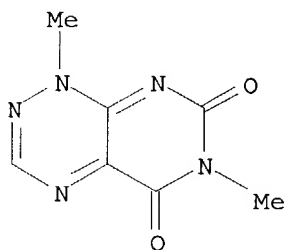


RE.CNT 14 THERE ARE 14 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT



10/760,509

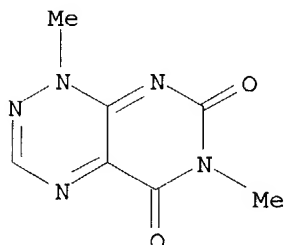
L5 ANSWER 12 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1998:589862 CAPLUS  
DN 129:328178  
TI Toxoflavin is an essential factor for virulence of Burkholderia glumae  
causing rice seedling rot disease  
AU Yoneyama, Katsuyoshi; Kono, Yoshiki; Yamaguchi, Isamu; Horikoshi, Mamoru;  
Hirooka, Takashi  
CS Faculty Agric., Meiji Univ., Kawasaki, 214-8571, Japan  
SO Nippon Shokubutsu Byori Gakkaiho (1998), 64(2), 91-96  
CODEN: NSBGAM; ISSN: 0031-9473  
PB Nippon Shokubutsu Byori Gakkai  
DT Journal  
LA English  
IT **84-82-2, Toxoflavin**  
RL: BAC (Biological activity or effector, except adverse); BSU (Biological  
study, unclassified); BIOL (Biological study)  
(toxoflavin is an essential factor for virulence of Burkholderia glumae  
causing rice seedling rot disease)  
RN 84-82-2 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA  
INDEX NAME)



RE.CNT 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

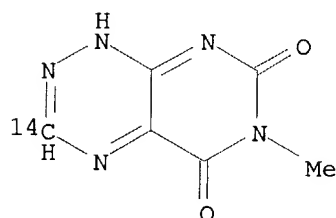
10/760,509

L5 ANSWER 13 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1998:589853 CAPLUS  
DN 129:328043  
TI Identification of proteins involved in toxin production by *Pseudomonas glumae*  
AU Suzuki, Fumihiko; Zhu, Yafeng; Sawada, Hiroyuki; Matsuda, Izumi  
CS Natl. Inst. Agro-Environmental Sci., Tsukuba, 305-8604, Japan  
SO Nippon Shokubutsu Byori Gakkaiho (1998), 64(2), 75-79  
CODEN: NSBGAM; ISSN: 0031-9473  
PB Nippon Shokubutsu Byori Gakkai  
DT Journal  
LA English  
IT **84-82-2**, Toxoflavin  
RL: BSU (Biological study, unclassified); MFM (Metabolic formation); BIOL (Biological study); FORM (Formation, nonpreparative)  
(proteins involved in toxin production by *Pseudomonas glumae*)  
RN 84-82-2 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA INDEX NAME)

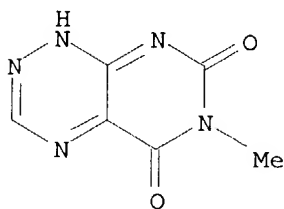


RE.CNT 17 THERE ARE 17 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 14 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
 AN 1998:551031 CAPLUS  
 DN 129:269935  
 TI Synthesis and experimental pharmacokinetics of 3-<sup>14</sup>C-reumycin  
 AU Ul'yanenko, S. E.; Yadrovskaya, V. A.; Savina, E. P.; Skvortsov, V. G.;  
 Esipov, S. E.  
 CS Med. Radiol. Nauchnyi Tsentr, RAMN, Obninsk, Russia  
 SO Khimiko-Farmatsevticheskii Zhurnal (1998), 32(5), 6-8  
 CODEN: KHFZAN; ISSN: 0023-1134  
 PB Izdatel'stvo Folium  
 DT Journal  
 LA Russian  
 IT **213883-17-1P**  
 RL: BPR (Biological process); BSU (Biological study, unclassified); RCT  
 (Reactant); SPN (Synthetic preparation); BIOL (Biological study); PREP  
 (Preparation); PROC (Process); RACT (Reactant or reagent)  
 (synthesis and exptl. pharmacokinetics of 3-<sup>14</sup>C-reumycin)  
 RN 213883-17-1 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione-3-<sup>14</sup>C, 6-methyl- (9CI)  
 (CA INDEX NAME)

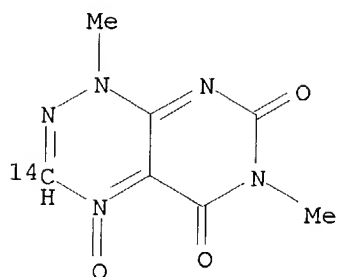


IT **5016-18-2DP**, Reumycin, radiolabeled analogs  
 RL: BPR (Biological process); BSU (Biological study, unclassified); SPN  
 (Synthetic preparation); BIOL (Biological study); PREP (Preparation); PROC  
 (Process)  
 (synthesis and exptl. pharmacokinetics of 3-<sup>14</sup>C-reumycin)  
 RN 5016-18-2 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl- (9CI) (CA  
 INDEX NAME)



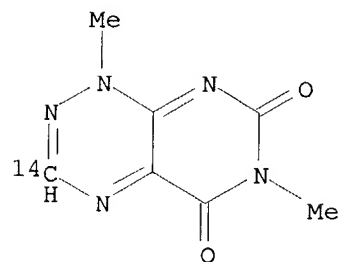
IT **213883-15-9P 213883-16-0P**  
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT  
 (Reactant or reagent)  
 (synthesis and exptl. pharmacokinetics of 3-<sup>14</sup>C-reumycin)  
 RN 213883-15-9 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione-3-<sup>14</sup>C, 1,6-dimethyl-,  
 4-oxide (9CI) (CA INDEX NAME)

10/760,509



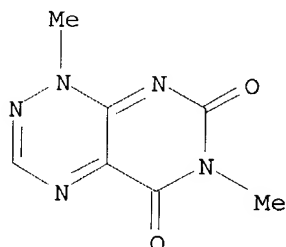
RN 213883-16-0 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione-3- $^{14}\text{C}$ , 1,6-dimethyl- (9CI)  
(CA INDEX NAME)



10/760,509

L5 ANSWER 15 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1998:276424 CAPLUS  
DN 129:50687  
TI Role of phytotoxins in the pathogenesis of Burkholderia species  
AU Iiyama, Kazuhiro; Furuya, Naruto; Ura, Hiroyuki; Matsuyama, Nobuaki  
CS Lab. Plant Pathology, Fac. Agriculture, Kyushu Univ., Fukuoka, 812-8581,  
Japan  
SO Journal of the Faculty of Agriculture, Kyushu University (1998), 42(3-4),  
289-293  
CODEN: JFAKAU; ISSN: 0023-6152  
PB Kyushu University, Faculty of Agriculture  
DT Journal  
LA English  
IT **84-82-2**, Toxoflavin  
RL: ADV (Adverse effect, including toxicity); BIOL (Biological study)  
(role of phytotoxins in pathogenesis of Burkholderia species)  
RN 84-82-2 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA  
INDEX NAME)



RE.CNT 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

10/760,509

L5 ANSWER 16 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1997:648541 CAPLUS  
DN 127:336635  
TI Anticancer agents containing 7-azapteridines  
IN Nagamatsu, Tomofumi; Yamagishi, Takehiro; Yoneda, Fumio  
PA Taisho Pharmaceutical Co., Ltd., Japan  
SO Jpn. Kokai Tokkyo Koho, 6 pp.  
CODEN: JKXXAF  
DT Patent  
LA Japanese  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 09255681	A2	19970930	JP 1996-67814	19960325
PRAI	JP 1996-67814		19960325		

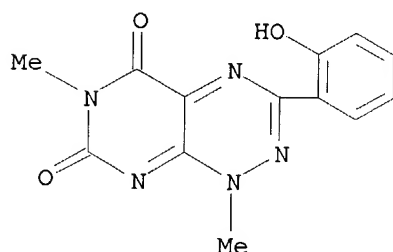
OS MARPAT 127:336635

IT **198007-87-3P 198007-89-5P**

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); PNU (Preparation, unclassified); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)  
(anticancer agents containing 7-azapteridines)

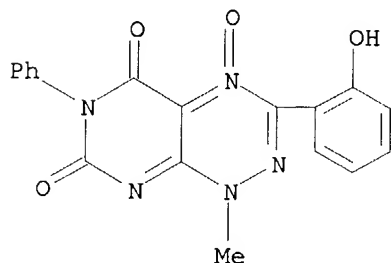
RN 198007-87-3 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(2-hydroxyphenyl)-1,6-dimethyl- (9CI) (CA INDEX NAME)



RN 198007-89-5 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(2-hydroxyphenyl)-1-methyl-6-phenyl-, 4-oxide (9CI) (CA INDEX NAME)



IT 32502-16-2 32502-63-9 52199-05-0  
52348-60-4 57024-55-2 57562-64-8  
60026-35-9 148613-63-2 148613-65-4  
148613-66-5 148613-67-6 148613-68-7  
148613-71-2 148613-73-4 164520-06-3

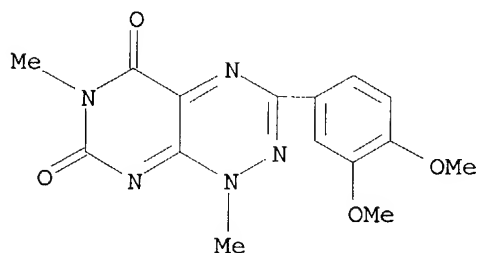
164520-07-4 164520-14-3 198007-88-4

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(anticancer agents containing 7-azapteridines)

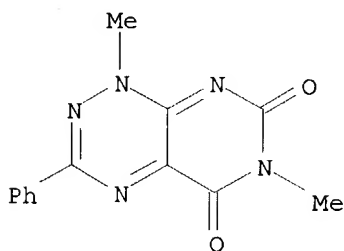
RN 32502-16-2 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3,4-dimethoxyphenyl)-1,6-dimethyl- (9CI) (CA INDEX NAME)



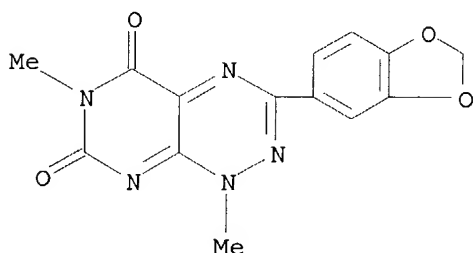
RN 32502-63-9 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-phenyl- (9CI) (CA INDEX NAME)



RN 52199-05-0 CAPLUS

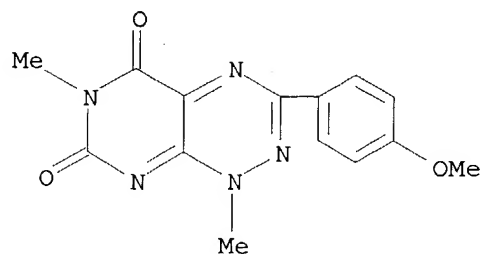
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(1,3-benzodioxol-5-yl)-1,6-dimethyl- (9CI) (CA INDEX NAME)



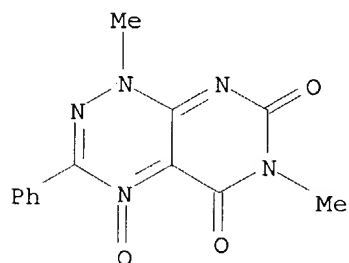
RN 52348-60-4 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-methoxyphenyl)-1,6-dimethyl- (9CI) (CA INDEX NAME)

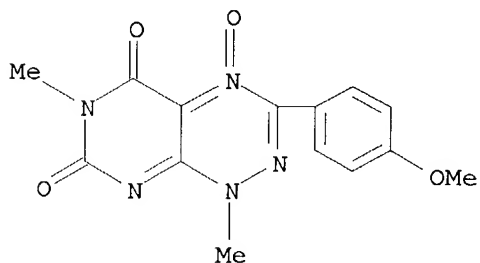
10/760,509



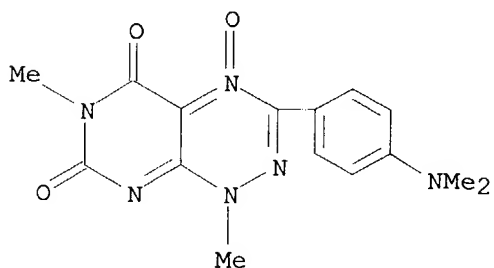
RN 57024-55-2 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-phenyl-, 4-oxide (9CI) (CA INDEX NAME)



RN 57562-64-8 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-methoxyphenyl)-1,6-dimethyl-, 4-oxide (9CI) (CA INDEX NAME)



RN 60026-35-9 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[4-(dimethylamino)phenyl]-1,6-dimethyl-, 4-oxide (9CI) (CA INDEX NAME)

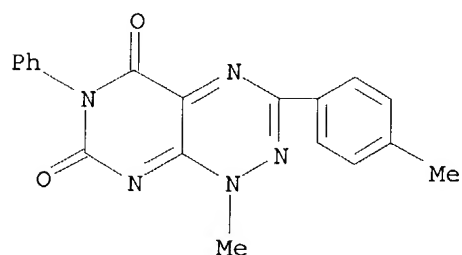




10/760,509

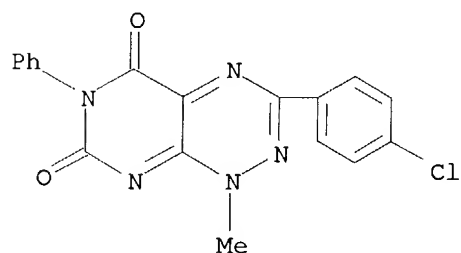
RN 148613-63-2 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-methyl-3-(4-methylphenyl)-6-phenyl- (9CI) (CA INDEX NAME)



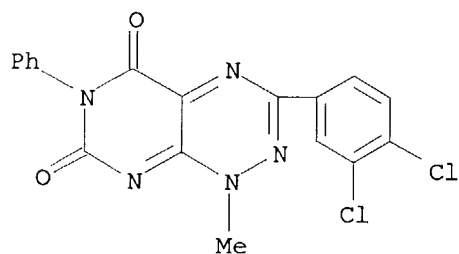
RN 148613-65-4 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-chlorophenyl)-1-methyl-6-phenyl- (9CI) (CA INDEX NAME)



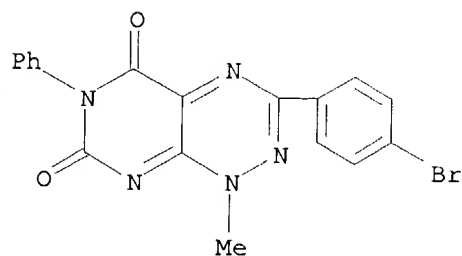
RN 148613-66-5 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3,4-dichlorophenyl)-1-methyl-6-phenyl- (9CI) (CA INDEX NAME)

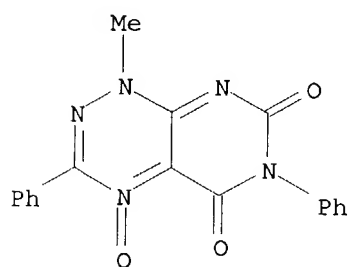


RN 148613-67-6 CAPLUS

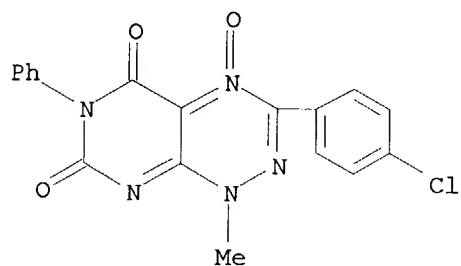
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-bromophenyl)-1-methyl-6-phenyl- (9CI) (CA INDEX NAME)



RN 148613-68-7 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-methyl-3,6-diphenyl-, 4-oxide (9CI) (CA INDEX NAME)

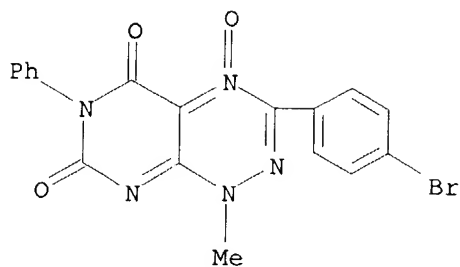


RN 148613-71-2 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-chlorophenyl)-1-methyl-6-phenyl-, 4-oxide (9CI) (CA INDEX NAME)

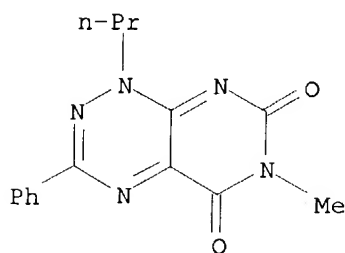


RN 148613-73-4 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-bromophenyl)-1-methyl-6-phenyl-, 4-oxide (9CI) (CA INDEX NAME)

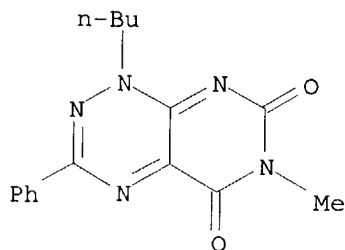
10/760,509



RN 164520-06-3 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-3-phenyl-1-propyl- (9CI) (CA INDEX NAME)

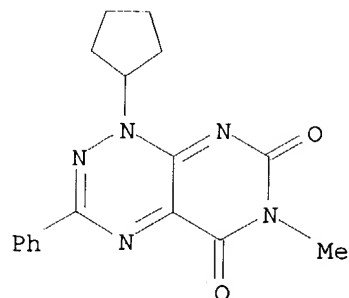


RN 164520-07-4 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-butyl-6-methyl-3-phenyl- (9CI) (CA INDEX NAME)



RN 164520-14-3 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-cyclopentyl-6-methyl-3-phenyl- (9CI) (CA INDEX NAME)

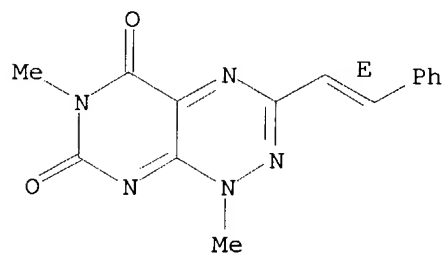
10/760,509



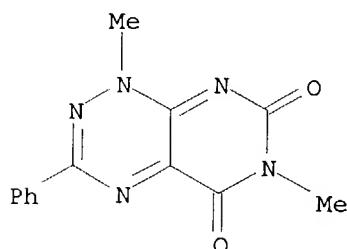
RN 198007-88-4 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-(2-phenylethenyl)-, (E)- (9CI) (CA INDEX NAME)

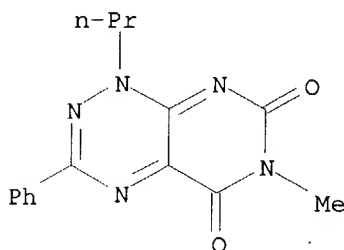
Double bond geometry as shown.



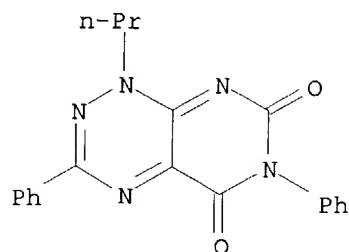
L5 ANSWER 17 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
 AN 1997:318648 CAPLUS  
 DN 127:17521  
 TI Facile and general syntheses of 1-alkyltoxoflavin and 8-alkylfervenulin derivatives of biological significance by the regiospecific alkylation of reumycin (1-demethyltoxoflavin, 8-demethylfervenulin) derivatives  
 AU Nagamatsu, Tomohisa; Yamasaki, Hirofumi  
 CS Faculty Pharmaceutical Sciences, Okayama Univ., Tsushima, 700, Japan  
 SO Heterocycles (1997), 45(4), 643-650  
 CODEN: HTCYAM; ISSN: 0385-5414  
 PB Japan Institute of Heterocyclic Chemistry  
 DT Journal  
 LA English  
 OS CASREACT 127:17521  
 IT **32502-63-9P 164520-06-3P 164520-09-6P**  
**164520-14-3P 164520-16-5P 164520-19-8P**  
 RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)  
 (synthesis and antitumor activity of 1-alkyltoxoflavin and 8-alkylfervenulin derivs. via the regiospecific alkylation of reumycin derivs.)  
 RN 32502-63-9 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-phenyl- (9CI) (CA INDEX NAME)



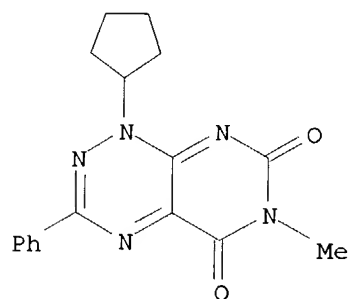
RN 164520-06-3 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-3-phenyl-1-propyl- (9CI) (CA INDEX NAME)



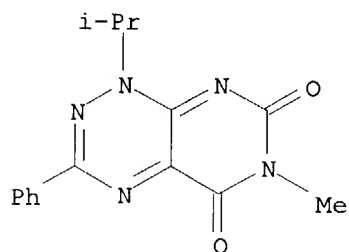
RN 164520-09-6 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3,6-diphenyl-1-propyl- (9CI) (CA INDEX NAME)



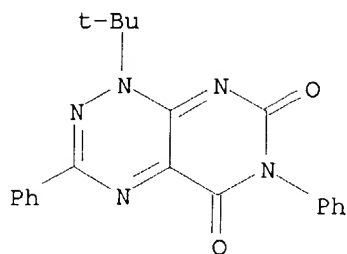
RN 164520-14-3 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-cyclopentyl-6-methyl-3-phenyl- (9CI) (CA INDEX NAME)



RN 164520-16-5 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-1-(1-methylethyl)-3-phenyl- (9CI) (CA INDEX NAME)



RN 164520-19-8 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-(1,1-dimethylethyl)-3,6-diphenyl- (9CI) (CA INDEX NAME)



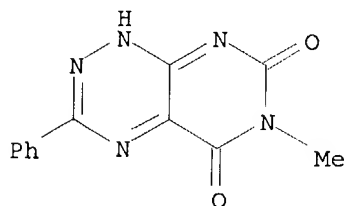
IT 42285-76-7P 148613-80-3P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(synthesis and antitumor activity of 1-alkyltoxoflavin and 8-alkylfervenulin derivs. via the regiospecific alkylation of reumycin derivs.)

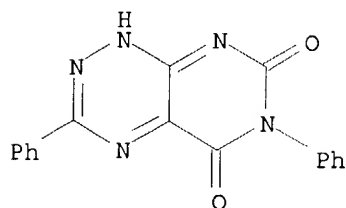
RN 42285-76-7 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-3-phenyl- (9CI) (CA INDEX NAME)



RN 148613-80-3 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3,6-diphenyl- (9CI) (CA INDEX NAME)



IT 148613-62-1P 164520-07-4P 164520-10-9P

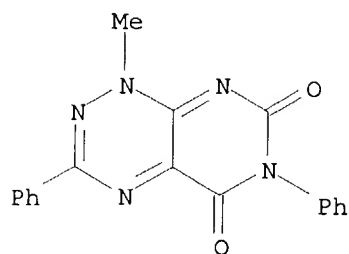
164520-17-6P 164520-18-7P

RL: SPN (Synthetic preparation); PREP (Preparation)

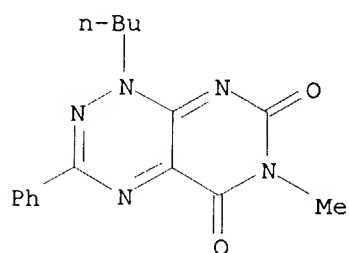
(synthesis and antitumor activity of 1-alkyltoxoflavin and 8-alkylfervenulin derivs. via the regiospecific alkylation of reumycin derivs.)

RN 148613-62-1 CAPLUS

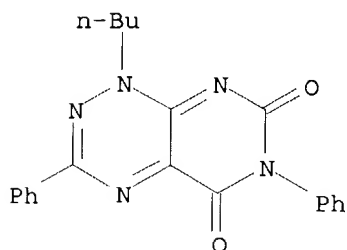
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-methyl-3,6-diphenyl- (9CI) (CA INDEX NAME)



RN 164520-07-4 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-butyl-6-methyl-3-phenyl-  
(9CI) (CA INDEX NAME)



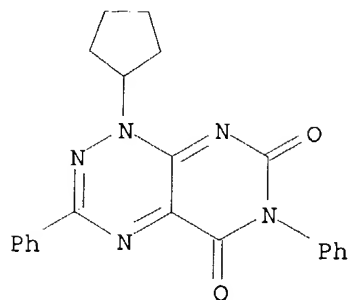
RN 164520-10-9 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-butyl-3,6-diphenyl-  
(9CI) (CA INDEX NAME)



RN 164520-17-6 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-cyclopentyl-3,6-  
diphenyl- (9CI) (CA INDEX NAME)

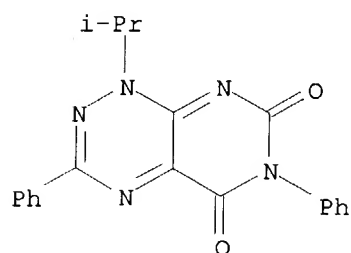


10/760,509



RN 164520-18-7 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-(1-methylethyl)-3,6-diphenyl- (9CI) (CA INDEX NAME)



RE.CNT 25 THERE ARE 25 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 18 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1996:367652 CAPLUS

DN 125:33689

TI Preparation of pyrimidotriazinediones as interleukin converting enzyme inhibitors

IN Albrecht, Hans-Peter; Boehm, Hans-Joachim; Brady, Kenneth Dale; Eckard, Peter; Kardorff, Uwe; Meyer, Norbert; Schirmer, Ulrich; Talanian, Robert Vincent; Walker, Nigel P. C.

PA BASF A.-G., Germany

SO Ger. Offen., 9 pp.

CODEN: GWXXBX

DT Patent

LA German

FAN.CNT 1

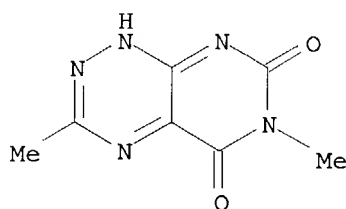
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 19534164	A1	19960425	DE 1995-19534164	19950915
PRAI	US 1994-313373		19940927		
OS	MARPAT 125:33689				

IT **42285-75-6P 42285-81-4P**

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)  
 (preparation of pyrimidotriazinediones as interleukin converting enzyme inhibitors)

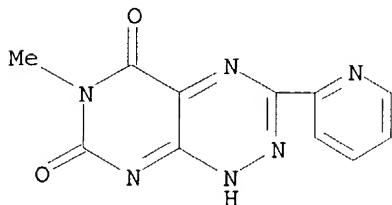
RN 42285-75-6 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3,6-dimethyl- (9CI) (CA INDEX NAME)



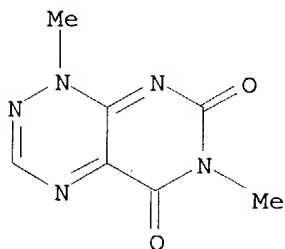
RN 42285-81-4 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-3-(2-pyridinyl)- (9CI) (CA INDEX NAME)

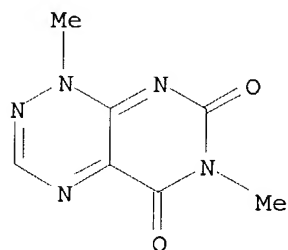


10/760,509

L5 ANSWER 19 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1996:271927 CAPLUS  
DN 124:335349  
TI Effect of toxoflavin on free radical formation in murine tissues and human  
blood cells observed by electron spin resonance technique  
AU Cong, Jianbo; Sun, Cunpu; Zhao, Naixin; Wu, Ke; Ren, Weidong  
CS Inst. of Radiation Medicine, Academy of Military Medical Sciences.,  
Beijing, 100850, Peop. Rep. China  
SO Zhongguo Yaolixue Yu Dulixue Zazhi (1995), 9(4), 296-8  
CODEN: ZYYZEW; ISSN: 1000-3002  
PB Zhongguo Yaolixue Yu Dulixue Zazhi Biarjibu  
DT Journal  
LA Chinese  
IT **84-82-2**, Toxoflavin  
RL: ADV (Adverse effect, including toxicity); BIOL (Biological study)  
(effect of toxoflavin on free radical formation in murine tissues and  
human blood cells)  
RN 84-82-2 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA  
INDEX NAME)



L5 ANSWER 20 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1996:77603 CAPLUS  
DN 124:196247  
TI Enhanced vasocontraction of rat tail arteries by toxoflavin  
AU Wang, Zunzhe; Ma, Meisheng; Wang, Rui  
CS Departement de physiologie, Universite de Montreal, Montreal, QC, H3C 3J7, Can.  
SO British Journal of Pharmacology (1996), 117(2), 293-8  
CODEN: BJPCBM; ISSN: 0007-1188  
PB Stockton  
DT Journal  
LA English  
IT **84-82-2**, Toxoflavin  
RL: ADV (Adverse effect, including toxicity); BIOL (Biological study)  
(enhanced vasocontraction of rat tail arteries by toxoflavin)  
RN 84-82-2 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA INDEX NAME)



10/760,509

L5 ANSWER 21 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1995:657612 CAPLUS

DN 123:55928

TI Preparation of 1- or 8-alkyl-7-azapteridine derivative by selective alkylation

IN Nagamatsu, Tomofumi

PA Taisho Pharma Co Ltd, Japan

SO Jpn. Kokai Tokkyo Koho, 9 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

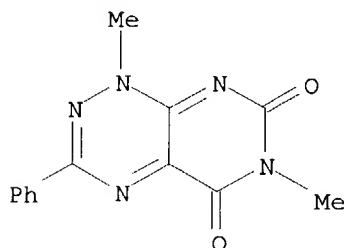
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	JP 07041479	A2	19950210	JP 1993-185760	19930728
PRAI	JP 1993-185760		19930728		
OS	CASREACT 123:55928; MARPAT 123:55928				
IT	<b>32502-63-9P 148613-62-1P 164520-05-2P</b> <b>164520-06-3P 164520-07-4P 164520-08-5P</b> <b>164520-09-6P 164520-10-9P 164520-14-3P</b> <b>164520-15-4P 164520-16-5P 164520-17-6P</b> <b>164520-18-7P 164520-19-8P</b>				

RL: SPN (Synthetic preparation); PREP (Preparation)

(preparation of alkylazapteridine derivative by regioselective alkylation of azapteridine derivative with (cyclo)alkyl halide or sulfate)

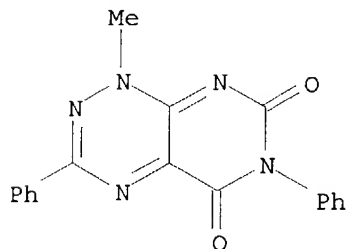
RN 32502-63-9 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-phenyl-(9CI) (CA INDEX NAME)



RN 148613-62-1 CAPLUS

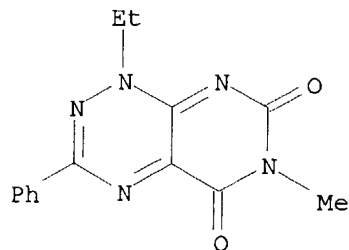
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-methyl-3,6-diphenyl-(9CI) (CA INDEX NAME)



RN 164520-05-2 CAPLUS

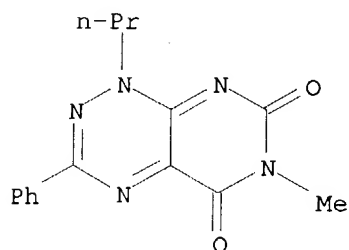
10/760,509

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-ethyl-6-methyl-3-phenyl-  
(9CI) (CA INDEX NAME)



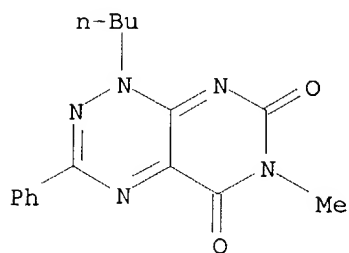
RN 164520-06-3 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-3-phenyl-1-  
propyl- (9CI) (CA INDEX NAME)



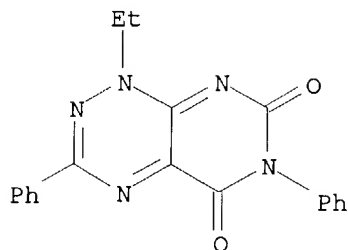
RN 164520-07-4 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-butyl-6-methyl-3-phenyl-  
(9CI) (CA INDEX NAME)

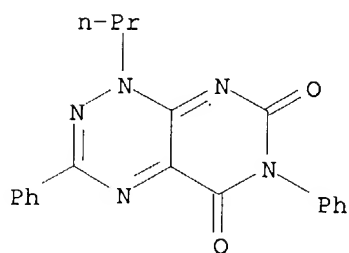


RN 164520-08-5 CAPLUS

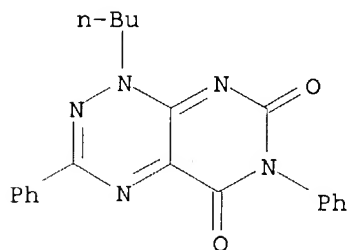
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-ethyl-3,6-diphenyl-  
(9CI) (CA INDEX NAME)



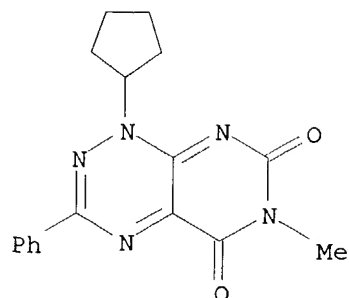
RN 164520-09-6 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3,6-diphenyl-1-propyl-  
 (9CI) (CA INDEX NAME)



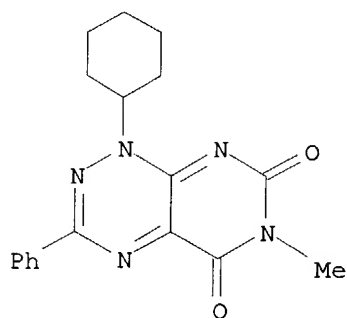
RN 164520-10-9 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-butyl-3,6-diphenyl-  
 (9CI) (CA INDEX NAME)



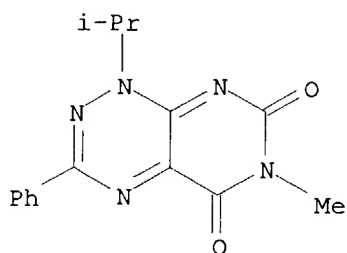
RN 164520-14-3 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-cyclopentyl-6-methyl-3-  
 phenyl- (9CI) (CA INDEX NAME)



RN 164520-15-4 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-cyclohexyl-6-methyl-3-phenyl- (9CI) (CA INDEX NAME)

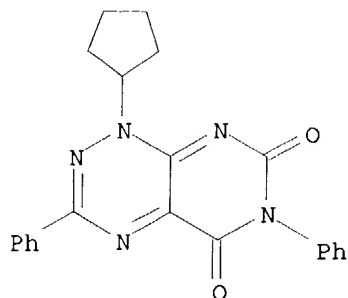


RN 164520-16-5 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-1-(1-methylethyl)-3-phenyl- (9CI) (CA INDEX NAME)



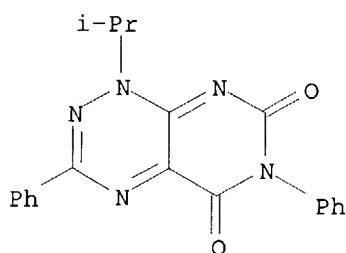
RN 164520-17-6 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-cyclopentyl-3,6-diphenyl- (9CI) (CA INDEX NAME)





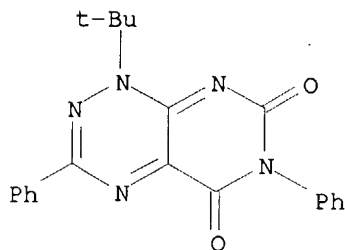
RN 164520-18-7 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-(1-methylethyl)-3,6-diphenyl- (9CI) (CA INDEX NAME)



RN 164520-19-8 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-(1,1-dimethylethyl)-3,6-diphenyl- (9CI) (CA INDEX NAME)



IT 42285-76-7 148613-80-3

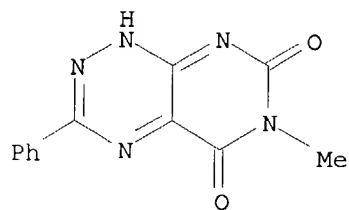
RL: RCT (Reactant); RACT (Reactant or reagent)

(regioselective alkylation of azapteridine derivative with (cyclo)alkyl halide or sulfate)

RN 42285-76-7 CAPLUS

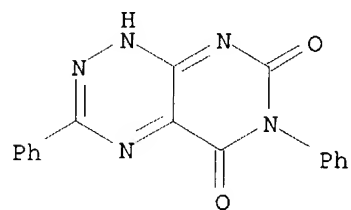
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-3-phenyl- (9CI) (CA INDEX NAME)

10/760,509



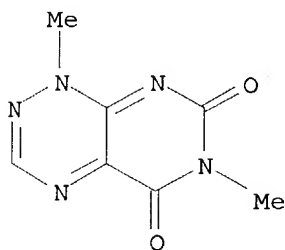
RN 148613-80-3 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3,6-diphenyl- (9CI) (CA  
INDEX NAME)



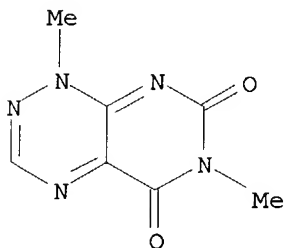
10/760,509

L5 ANSWER 22 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1994:430936 CAPLUS  
DN 121:30936  
TI Synthesis and antibacterial activity of substituted 4-aryloxypyrimido[5,4-c]cinnolines  
AU Nargund, L. V. G.; Badiger, V. V.; Yarnal, S. M.  
CS Nargund Coll. Pharm., Bangalore, 560 050, India  
SO European Journal of Medicinal Chemistry (1994), 29(3), 245-7  
CODEN: EJMCA5; ISSN: 0223-5234  
DT Journal  
LA English  
IT **84-82-2**, Toxoflavin  
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); BIOL (Biological study)  
(antibacterial activity of)  
RN 84-82-2 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA INDEX NAME)

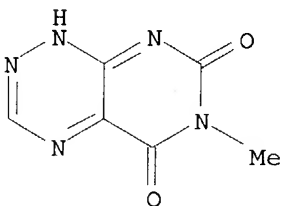


10/760,509

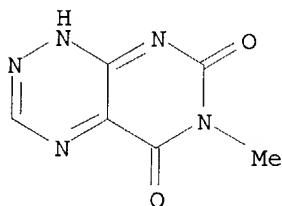
L5 ANSWER 23 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1994:323088 CAPLUS  
DN 120:323088  
TI Stacking interaction of antibiotics of the pyrimido[5,4-e]-1,2,4-triazine  
type with purines  
AU Antonovskii, V. I.  
CS N. N. Semenov Inst. Chem. Phys., Moscow, Russia  
SO Izvestiya Akademii Nauk, Seriya Biologicheskaya (1994), (1), 145-7  
CODEN: IRABEC; ISSN: 1026-3470  
DT Journal  
LA Russian  
IT **84-82-2**, Xanthothricin **5016-18-2**, Reumycin  
RL: PRP (Properties)  
(stacking interaction of, with purine)  
RN 84-82-2 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA  
INDEX NAME)



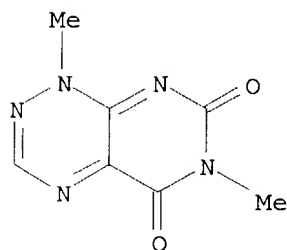
RN 5016-18-2 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl- (9CI) (CA  
INDEX NAME)



L5 ANSWER 24 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1994:217577 CAPLUS  
DN 120:217577  
TI Conjugation of tumor-inhibiting antimetabolite reumycin with a protein to  
create a drug with directed type activity  
AU Zhirkov, Yu. A.; Saburova, L. A.; Ushakova, M. M.; Kudriavtsev, R. V.;  
Shorshnev, S. V.; Chekhonin, V. P.; Esipov, S. E.  
CS V. P. Serbsky State Sci. Cent. Soc. Crime Psychiatry, Moscow, 119839,  
Russia  
SO Biotehnologiya (1993), (7), 14-16  
CODEN: BTKNEZ; ISSN: 0234-2758  
DT Journal  
LA Russian  
IT **5016-18-2P**, Reumycin  
RL: PREP (Preparation)  
(alkylation by Et chloroacetate in synthesis of protein conjugate)  
RN 5016-18-2 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl- (9CI) (CA  
INDEX NAME)



L5 ANSWER 25 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1993:488596 CAPLUS  
DN 119:88596  
TI Toxicity of toxoflavin from *Pseudomonas cocovenenans* to immunocyte and detoxication  
AU Yue, Qifang; Zhao, Shumei; Ma, Weihi; Zhao, Naixin  
CS Dep. Microbiol., Weifang Med. Coll., Weifang, 261012, Peop. Rep. China  
SO Zhonghua Yufang Yixue Zazhi (1992), 26(5), 287-90  
CODEN: CHYCDW; ISSN: 0253-9624  
DT Journal  
LA Chinese  
IT **84-82-2**, Toxoflavin  
RL: ADV (Adverse effect, including toxicity); BIOL (Biological study)  
(toxicity of, to lymphocytes)  
RN 84-82-2 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA INDEX NAME)



L5 ANSWER 26 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1993:449351 CAPLUS

DN 119:49351

TI Syntheses of 3-substituted 1-methyl-6-phenylpyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-diones (6-phenyl analogs of toxoflavin) and their 4-oxides, and evaluation of antimicrobial activity of toxoflavins and their analogs

AU Nagamatsu, Tomohisa; Yamasaki, Hirofumi; Hirota, Takashi; Yamato, Masatoshi; Kido, Yutaka; Shibata, Motoo; Yoneda, Fumio

CS Fac. Pharm. Sci., Okayama Univ., Okayama, 700, Japan

SO Chemical & Pharmaceutical Bulletin (1993), 41(2), 362-8

CODEN: CPBTAL; ISSN: 0009-2363

DT Journal

LA English

IT 84-82-2 32496-14-3 32496-15-4

32496-16-5 32502-62-8 32502-63-9

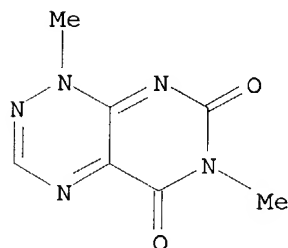
42285-61-0 42285-69-8 57024-55-2

60026-34-8

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); BIOL (Biological study)  
(bactericidal and fungicidal activity of)

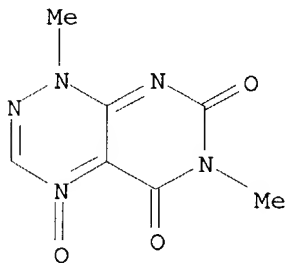
RN 84-82-2 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA INDEX NAME)



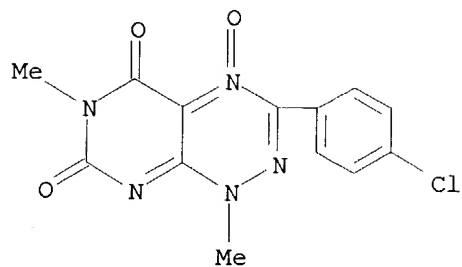
RN 32496-14-3 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-, 4-oxide (9CI) (CA INDEX NAME)

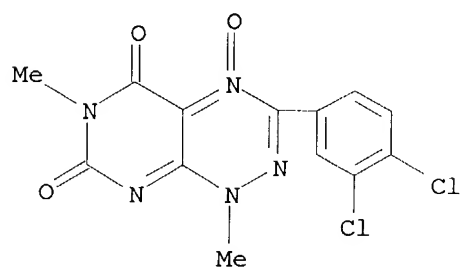


RN 32496-15-4 CAPLUS

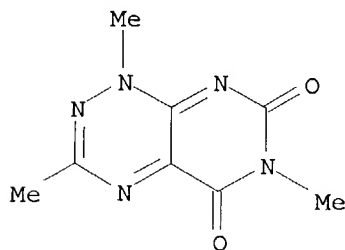
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-chlorophenyl)-1,6-dimethyl-, 4-oxide (9CI) (CA INDEX NAME)



RN 32496-16-5 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3,4-dichlorophenyl)-1,6-dimethyl-, 4-oxide (9CI) (CA INDEX NAME)

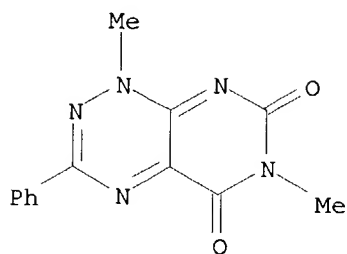


RN 32502-62-8 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,3,6-trimethyl- (9CI) (CA INDEX NAME)

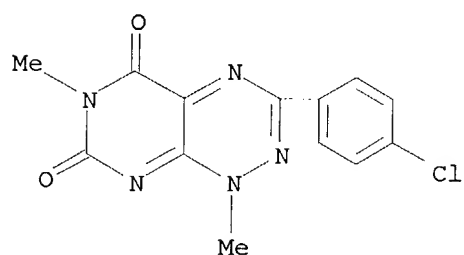


RN 32502-63-9 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-phenyl- (9CI) (CA INDEX NAME)

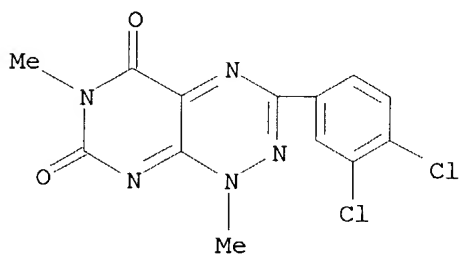




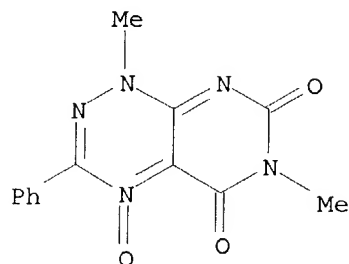
RN 42285-61-0 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-chlorophenyl)-1,6-dimethyl- (9CI) (CA INDEX NAME)



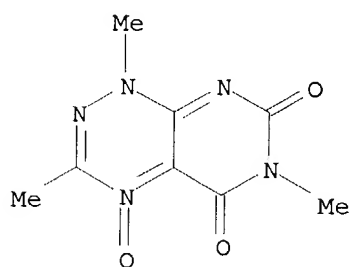
RN 42285-69-8 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3,4-dichlorophenyl)-1,6-dimethyl- (9CI) (CA INDEX NAME)



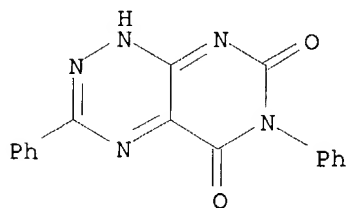
RN 57024-55-2 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-phenyl-, 4-oxide (9CI) (CA INDEX NAME)



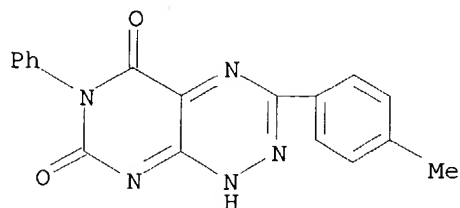
RN 60026-34-8 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,3,6-trimethyl-, 4-oxide  
 (9CI) (CA INDEX NAME)



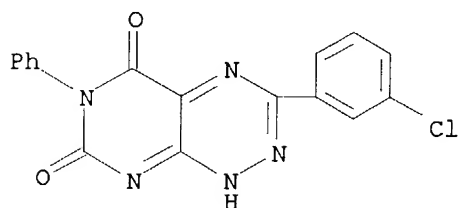
IT 148613-80-3P 148613-81-4P 148613-82-5P  
 148613-83-6P 148613-84-7P 148613-85-8P  
 RL: SPN (Synthetic preparation); PREP (Preparation)  
 (preparation of)  
 RN 148613-80-3 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3,6-diphenyl- (9CI) (CA  
 INDEX NAME)



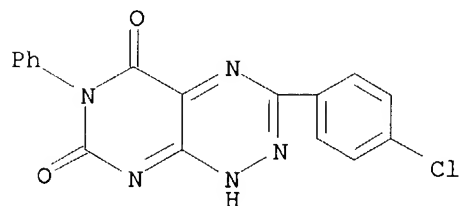
RN 148613-81-4 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-methylphenyl)-6-  
 phenyl- (9CI) (CA INDEX NAME)



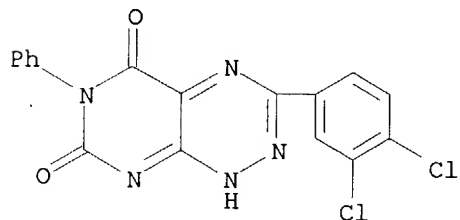
RN 148613-82-5 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3-chlorophenyl)-6-phenyl- (9CI) (CA INDEX NAME)



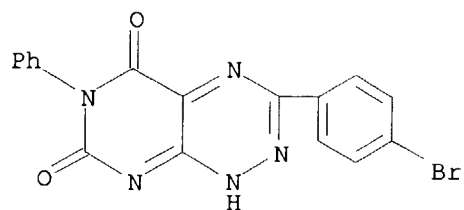
RN 148613-83-6 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-chlorophenyl)-6-phenyl- (9CI) (CA INDEX NAME)



RN 148613-84-7 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3,4-dichlorophenyl)-6-phenyl- (9CI) (CA INDEX NAME)



RN 148613-85-8 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-bromophenyl)-6-phenyl- (9CI) (CA INDEX NAME)



IT 148613-62-1P 148613-63-2P 148613-64-3P

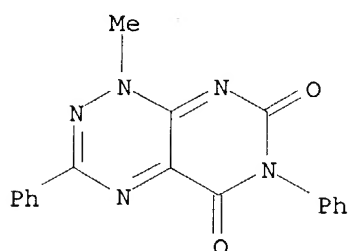
148613-65-4P 148613-66-5P

RL: SPN (Synthetic preparation); PREP (Preparation)

(preparation, bactericidal and fungicidal activity of, and oxidation of)

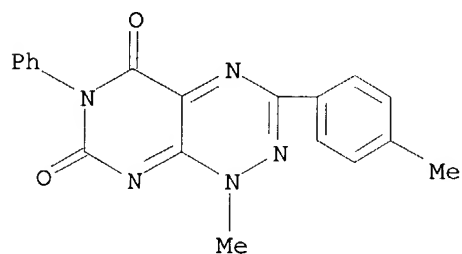
RN 148613-62-1 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-methyl-3,6-diphenyl-  
(9CI) (CA INDEX NAME)



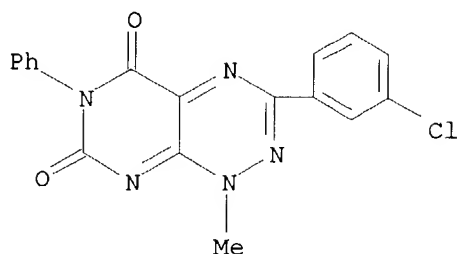
RN 148613-63-2 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-methyl-3-(4-methylphenyl)-6-phenyl- (9CI) (CA INDEX NAME)

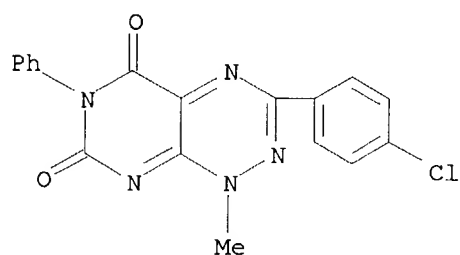


RN 148613-64-3 CAPLUS

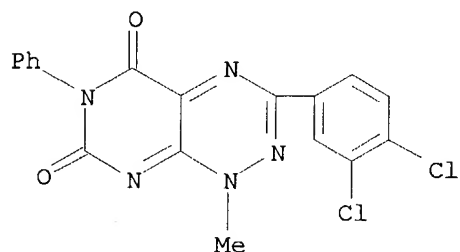
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3-chlorophenyl)-1-methyl-6-phenyl- (9CI) (CA INDEX NAME)



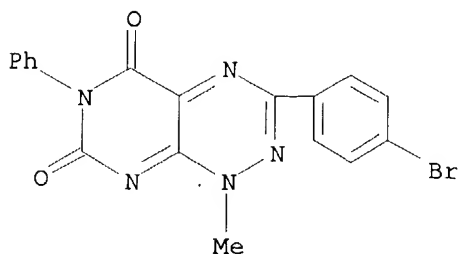
RN 148613-65-4 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-chlorophenyl)-1-methyl-6-phenyl- (9CI) (CA INDEX NAME)



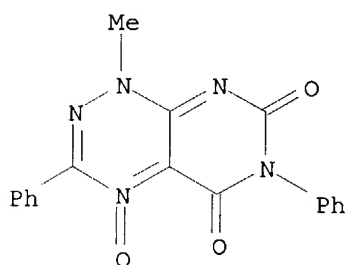
RN 148613-66-5 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3,4-dichlorophenyl)-1-methyl-6-phenyl- (9CI) (CA INDEX NAME)



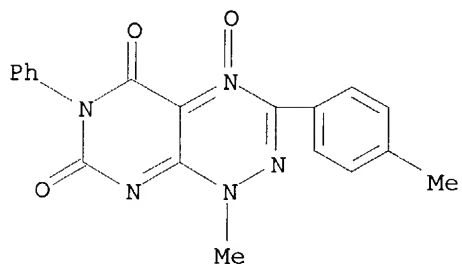
IT 148613-67-6P 148613-68-7P 148613-69-8P  
 148613-70-1P 148613-71-2P 148613-72-3P  
 148613-73-4P  
 RL: SPN (Synthetic preparation); PREP (Preparation)  
 (preparation, bactericidal and fungicidal activity, and reactions of)  
 RN 148613-67-6 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-bromophenyl)-1-methyl-6-phenyl- (9CI) (CA INDEX NAME)



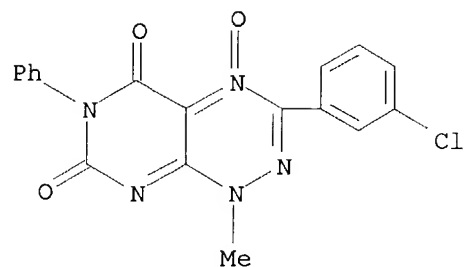
RN 148613-68-7 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-methyl-3,6-diphenyl-, 4-oxide (9CI) (CA INDEX NAME)



RN 148613-69-8 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-methyl-3-(4-methylphenyl)-6-phenyl-, 4-oxide (9CI) (CA INDEX NAME)

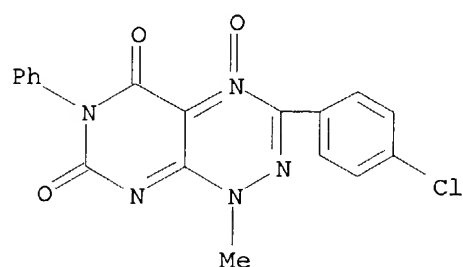


RN 148613-70-1 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3-chlorophenyl)-1-methyl-6-phenyl-, 4-oxide (9CI) (CA INDEX NAME)



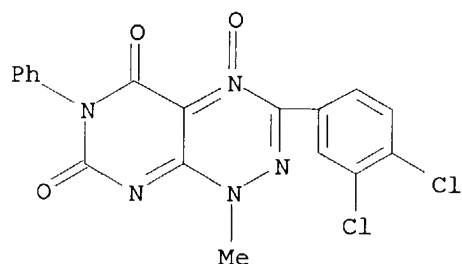
RN 148613-71-2 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-chlorophenyl)-1-methyl-6-phenyl-, 4-oxide (9CI) (CA INDEX NAME)



RN 148613-72-3 CAPLUS

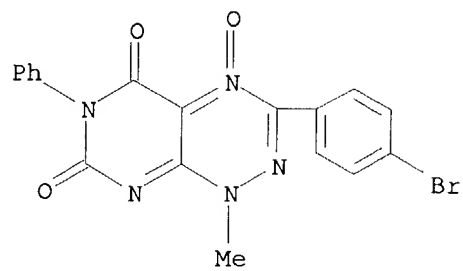
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3,4-dichlorophenyl)-1-methyl-6-phenyl-, 4-oxide (9CI) (CA INDEX NAME)



RN 148613-73-4 CAPLUS

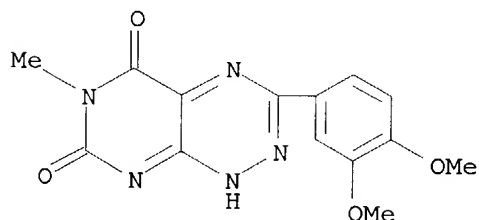
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-bromophenyl)-1-methyl-6-phenyl-, 4-oxide (9CI) (CA INDEX NAME)

10/760,509

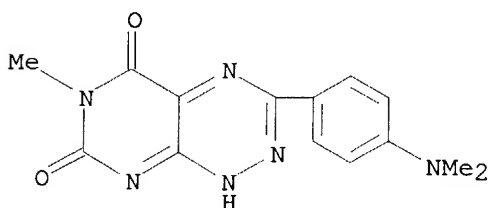




L5 ANSWER 27 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
 AN 1992:633685 CAPLUS  
 DN 117:233685  
 TI Purines, pyrimidines, and their condensed analogs. IX. On the synthesis of 1-R-pyrazolo[3,4-d]pyrimidine-4,6-diones  
 AU Smirnova, L. P.; Pozharskii, A. F.; Ivanova, I. A.; Chernyshev, A. I.  
 CS Rostov. Gos. Univ., Rostov, 344090, Russia  
 SO Khimiya Geterotsiklicheskikh Soedinenii (1992), (2), 219-24  
 CODEN: KGSSAQ; ISSN: 0132-6244  
 DT Journal  
 LA Russian  
 OS CASREACT 117:233685  
 IT **42285-79-0P 56189-61-8P 144294-65-5P**  
**144294-66-6P**  
 RL: SPN (Synthetic preparation); PREP (Preparation)  
 (preparation of)  
 RN 42285-79-0 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3,4-dimethoxyphenyl)-6-methyl- (9CI) (CA INDEX NAME)

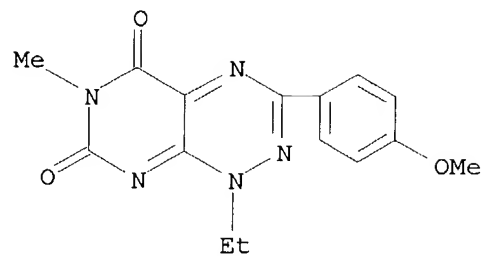


RN 56189-61-8 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(6H,8H)-dione, 3-[4-(dimethylamino)phenyl]-6-methyl- (9CI) (CA INDEX NAME)



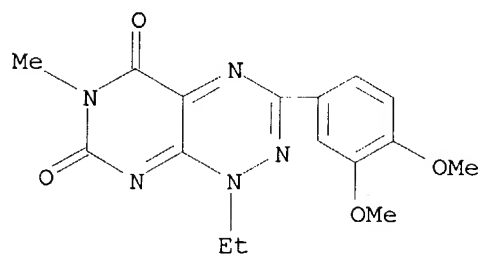
RN 144294-65-5 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-ethyl-3-(4-methoxyphenyl)-6-methyl- (9CI) (CA INDEX NAME)

10/760,509

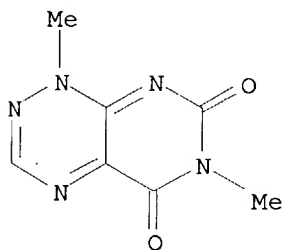


RN 144294-66-6 CAPLUS

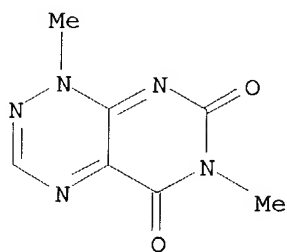
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3,4-dimethoxyphenyl)-1-ethyl-6-methyl- (9CI) (CA INDEX NAME)



L5 ANSWER 28 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1992:606805 CAPLUS  
DN 117:206805  
TI Effect of toxoflavin on the action of xanthine oxidase  
AU Ren, Weidong; Zhao, Naixin; Yun, Yunghua; Liu, Jinsheng; Liu, Dianzhen  
CS Weifang Med. Coll., Weifang, 261042, Peop. Rep. China  
SO Shengwu Huaxue Yu Shengwu Wuli Jinzhan (1992), 19(2), 119-22  
CODEN: SHYCD4; ISSN: 1000-3282  
DT Journal  
LA Chinese  
IT **84-82-2, Toxoflavin**  
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); BIOL (Biological study)  
(xanthine oxidase response to)  
RN 84-82-2 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA INDEX NAME)

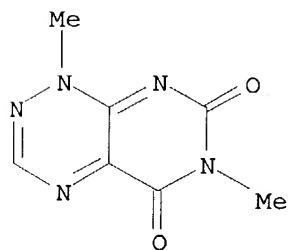


L5 ANSWER 29 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1991:552602 CAPLUS  
DN 115:152602  
TI Simultaneous determination of toxic metabolites by linear combination  
derivative spectrophotometry  
AU Lin, Liming; Zhao, Naixin  
CS Weifang Drug Control Inst., Shandong, Peop. Rep. China  
SO Analyst (Cambridge, United Kingdom) (1991), 116(9), 919-22  
CODEN: ANALAO; ISSN: 0003-2654  
DT Journal  
LA English  
IT **84-82-2**, Toxoflavin  
RL: BIOL (Biological study)  
(determination of bongkrelic acid and, by linear combination derivative  
spectrophotometry)  
RN 84-82-2 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA  
INDEX NAME)



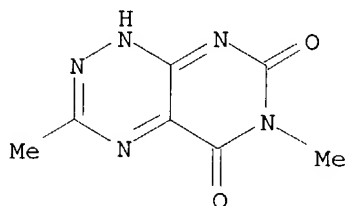
10/760,509

L5 ANSWER 30 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1991:508681 CAPLUS  
DN 115:108681  
TI Effect of toxoflavine on the respiratory oxygen consumption of  
mitochondria  
AU Li, Shujun; Wang, Jian; Xu, Yanan; Zhao, Naixin  
CS Shanghai Inst. Plant Physiol., Acad. Sin, Shanghai, 200032, Peop. Rep.  
China  
SO Zhiwu Shenglixue Tongxun (1991), 27(1), 11-13  
CODEN: CHWSAX; ISSN: 0412-0922  
DT Journal  
LA Chinese  
IT **84-82-2**, Toxoflavine  
RL: BIOL (Biological study)  
(mitochondrial respiration response to)  
RN 84-82-2 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA  
INDEX NAME)

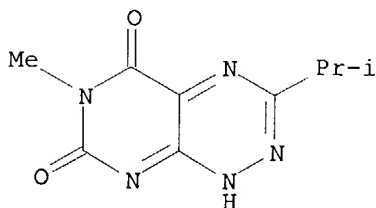


L5 ANSWER 31 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
 AN 1991:247317 CAPLUS  
 DN 114:247317  
 TI Preparation of pyrimido[5,4-e]-as-triazine-5,7(6H,8H)-diones as herbicides  
 IN Meyer, Norbert; Schirmer, Ulrich; Plath, Peter; Wuerzer, Bruno;  
 Westphalen, Karl Otto; Pfleiderer, Wolfgang; Werner-Simon, Susanne  
 PA BASF A.-G., Germany  
 SO Eur. Pat. Appl., 19 pp.  
 CODEN: EPXXDW  
 DT Patent  
 LA German  
 FAN.CNT 1

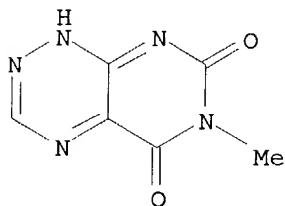
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 407888	A1	19910116	EP 1990-112821	19900705
	EP 407888	B1	19940309		
	R: BE, CH, DE, FR, GB, IT, LI, NL				
	DE 3924845	A1	19910131	DE 1989-3924845	19890727
	US 5069708	A	19911203	US 1990-547160	19900703
PRAI	DE 1989-3923226		19890714		
	DE 1989-3924845		19890727		
OS	CASREACT 114:247317; MARPAT 114:247317				
IT	<b>42285-75-6P 134048-75-2P</b>				
	RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses) (preparation of, as herbicide)				
RN	42285-75-6 CAPLUS				
CN	Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3,6-dimethyl- (9CI) (CA INDEX NAME)				



RN 134048-75-2 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-3-(1-methylethyl)- (9CI) (CA INDEX NAME)

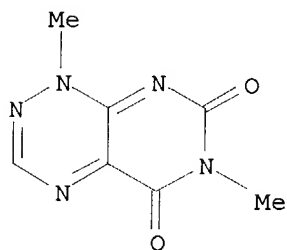


L5 ANSWER 32 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1991:203350 CAPLUS  
DN 114:203350  
TI Effect of the artificial electron acceptor reumicin on the nature of an  
intermediate accumulated by *Pseudomonas aeruginosa*  
AU Trutko, S. M.; Akimenko, V. K.  
CS Inst. Biokhim. Fiziol. Mikroorg., Pushchino, USSR  
SO Mikrobiologiya (1991), 60(1), 41-7  
CODEN: MIKBA5; ISSN: 0026-3656  
DT Journal  
LA Russian  
IT **5016-18-2**  
RL: BIOL (Biological study)  
( $\alpha$ -ketoglutarate and pyruvate formation by *Pseudomonas aeruginosa*  
response to)  
RN 5016-18-2 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl- (9CI) (CA  
INDEX NAME)



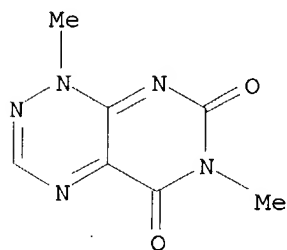
10/760,509

L5 ANSWER 33 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1990:590042 CAPLUS  
DN 113:190042  
TI Inhibition of bongkrek acid and toxoflavin production in tempe bongkrek  
containing *Pseudomonas cocovenenans*  
AU Buckle, K. A.; Kartadarma, E.  
CS Dep. Food Sci. Technol., Univ. New South Wales, Kensington, 2033,  
Australia  
SO Journal of Applied Bacteriology (1990), 68(6), 571-6  
CODEN: JABAA4; ISSN: 0021-8847  
DT Journal  
LA English  
IT **84-82-2**  
RL: FORM (Formation, nonpreparative)  
(formation of, in coconut tempe bongkrek, inhibition of)  
RN 84-82-2 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA  
INDEX NAME)

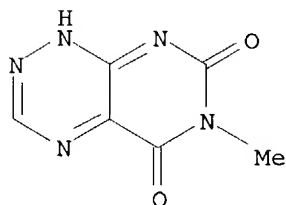




L5 ANSWER 34 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1990:33481 CAPLUS  
DN 112:33481  
TI Toxins produced by *Pseudomonas glumae*  
AU Sato, Zenji; Koiso, Yukiko; Iwasaki, Shigeo; Matsuda, Izumi; Shirata, Akira  
CS Natl. Inst. Agro-Environ. Sci., Tsukuba, 305, Japan  
SO Nippon Shokubutsu Byori Gakkaiho (1989), 55(3), 353-6  
CODEN: NSBGAM; ISSN: 0031-9473  
DT Journal  
LA Japanese  
IT **84-82-2P**, Toxoflavin  
RL: PUR (Purification or recovery); PREP (Preparation)  
(from *Pseudomonas glumae*, isolation of, rice grain rot in relation to)  
RN 84-82-2 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA INDEX NAME)

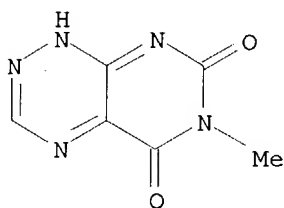


L5 ANSWER 35 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1989:594396 CAPLUS  
DN 111:194396  
TI Purines, pyrimidines and their condensed analogs. 6. Reactivity of 7- and 9-aminoxanthines with oxidants and electrophiles. Synthesis of antibiotics fervenulin and reumycin  
AU Gulevskaya, A. V.; Kuz'menko, V. V.; Pozharskii, A. F.; Kuz'menko, T. A.; Shorshnev, S. V.; Chernyshev, A. I.; Klyuev, N. A.  
CS Rostov. Gos. Univ., Rostov-on-Don, 344006, USSR  
SO Khimiya Geterotsiklicheskikh Soedinenii (1989), (1), 95-102  
CODEN: KGSSAQ; ISSN: 0453-8234  
DT Journal  
LA Russian  
OS CASREACT 111:194396  
IT **5016-18-2P**, Reumycin  
RL: SPN (Synthetic preparation); PREP (Preparation)  
(preparation of, by oxidation of aminoxanthines)  
RN 5016-18-2 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl- (9CI) (CA INDEX NAME)

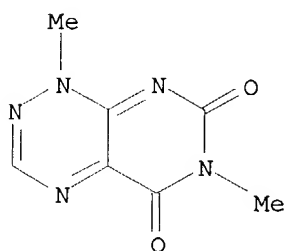


10/760,509

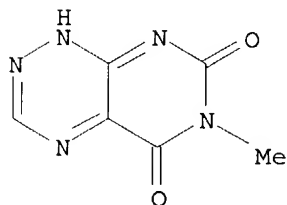
L5 ANSWER 36 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1989:533889 CAPLUS  
DN 111:133889  
TI Structure of covalent hydrates and products of acidic hydrolysis of  
reumycin and fervenuline  
AU Shorshnev, S. V.; Aleksandrov, G. G.; Esipov, S. E.; Klyuev, N. A.;  
Chernyshev, A. I.  
CS Vses. Nauchno-Issled. Inst. Antibiot., Moscow, 113105, USSR  
SO Khimiya Geterotsiklicheskikh Soedinenii (1988), (12), 1654-60  
CODEN: KGSSAQ; ISSN: 0453-8234  
DT Journal  
LA Russian  
OS CASREACT 111:133889  
IT **5016-18-2**  
RL: RCT (Reactant); RACT (Reactant or reagent)  
(covalent hydration of, by aqueous hydrochloric acid)  
RN 5016-18-2 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl- (9CI) (CA  
INDEX NAME)



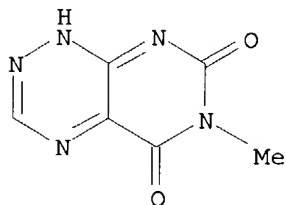
L5 ANSWER 37 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1989:513914 CAPLUS  
DN 111:113914  
TI Mutagenicity of toxoflavin from *Pseudomonas farinofermentans*  
AU Yue, Qian; Zhao, Naixin; Wang, Yongzheng; Han, Liantang; Liu, Wensu  
CS Dep. Microbiol., Weifang Med. Coll., Weifang, Peop. Rep. China  
SO Zhonghua Yufang Yixue Zazhi (1989), 23(2), 77-9  
CODEN: CHYCDW; ISSN: 0253-9624  
DT Journal  
LA Chinese  
IT **84-82-2, Toxoflavin**  
RL: ADV (Adverse effect, including toxicity); BIOL (Biological study)  
(mutagenicity of, food contamination in relation to)  
RN 84-82-2 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA  
INDEX NAME)



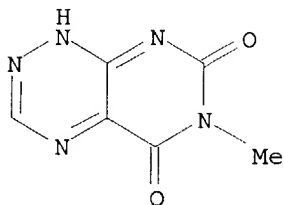
L5 ANSWER 38 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1989:477419 CAPLUS  
DN 111:77419  
TI Investigation of pyrimidotriazinedione protonation by proton and carbon-13  
NMR  
AU Shorshnev, S. V.; Esipov, S. E.; Chernyshev, A. I.  
CS Vses. Nauchno-Issled. Inst. Antibiot., Moscow, 113105, USSR  
SO Khimiya Geterotsiklicheskikh Soedinenii (1988), (11), 1532-8  
CODEN: KGSSAQ; ISSN: 0453-8234  
DT Journal  
LA Russian  
IT **5016-18-2**, Reumycin  
RL: RCT (Reactant); RACT (Reactant or reagent)  
(protonation of, equilibrium and regiochem. of)  
RN 5016-18-2 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl- (9CI) (CA  
INDEX NAME)



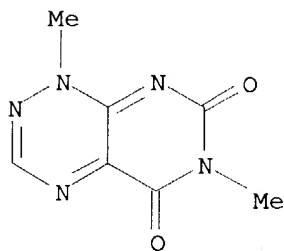
L5 ANSWER 39 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
 AN 1989:88094 CAPLUS  
 DN 110:88094  
 TI Cross resistance pattern towards anticancer drugs of a human carcinoma  
 multidrug-resistant cell line  
 AU Gupta, R. S.; Murray, W.; Gupta, R.  
 CS Dep. Biochem., McMaster Univ., Hamilton, ON, L8N 3Z5, Can.  
 SO British Journal of Cancer (1988), 58(4), 441-7  
 CODEN: BJCAAI; ISSN: 0007-0920  
 DT Journal  
 LA English  
 IT **5016-18-2**, Reumycin  
 RL: BIOL (Biological study)  
 (puromycin-resistant human carcinoma cell line cross resistance to)  
 RN 5016-18-2 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl- (9CI) (CA  
 INDEX NAME)



L5 ANSWER 40 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1988:549140 CAPLUS  
DN 109:149140  
TI Structure of the xanthothricin-acetone adduct  
AU Dovzhenko, S. A.; Esipov, S. E.; Aleksandrov, G. G.; Klyuev, N. A.;  
Chernyshev, A. I.  
CS All-Union Res. Inst. Antibiot., Moscow, USSR  
SO Antibiotiki i Khimioterapiya (1988), 33(1), 30-3  
CODEN: ANKHEW; ISSN: 0233-7525  
DT Journal  
LA Russian  
IT **5016-18-2P**  
RL: SPN (Synthetic preparation); PREP (Preparation)  
(preparation of, from xanthotricin by demethylation, effect of acetone on)  
RN 5016-18-2 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl- (9CI) (CA  
INDEX NAME)

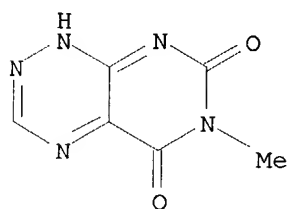


IT **84-82-2**  
RL: RCT (Reactant); RACT (Reactant or reagent)  
(reaction of, with acetone, during demethylation to rheumycin)  
RN 84-82-2 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA  
INDEX NAME)



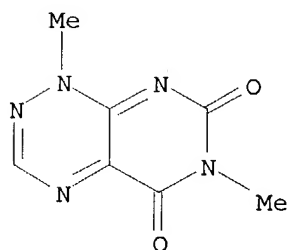
10/760,509

L5 ANSWER 41 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1988:548699 CAPLUS  
DN 109:148699  
TI Kinetics and mechanism of alkaline hydrolysis of reumycin  
AU Shorshnev, S. V.; Chernyshev, A. I.; Esipov, S. E.  
CS Vses. Nauchno-Issled. Inst. Antibiot., Moscow, USSR  
SO Kinetika i Kataliz (1988), 29(1), 66-9  
CODEN: KNKTA4; ISSN: 0453-8811  
DT Journal  
LA Russian  
IT **5016-18-2**  
RL: RCT (Reactant); RACT (Reactant or reagent)  
(hydrolytic ring cleavage of, kinetics of)  
RN 5016-18-2 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl- (9CI) (CA  
INDEX NAME)

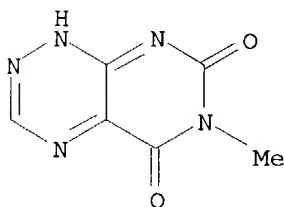




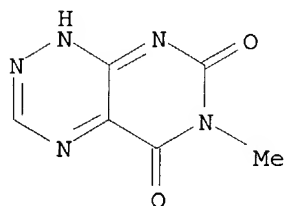
L5 ANSWER 42 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1988:204377 CAPLUS  
DN 108:204377  
TI An improved, large-scale synthesis of xanthothricin and reumycin  
AU Black, T. Howard  
CS Dep. Chem., East. Illinois Univ., Charleston, IL, 61920, USA  
SO Journal of Heterocyclic Chemistry (1987), 24(5), 1373-5  
CODEN: JHTCAD; ISSN: 0022-152X  
DT Journal  
LA English  
OS CASREACT 108:204377  
IT **84-82-2P**, Xanthothricin  
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT  
(Reactant or reagent)  
(preparation and demethylation of)  
RN 84-82-2 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA  
INDEX NAME)



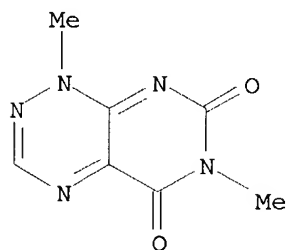
IT **5016-18-2P**, Reumycin  
RL: SPN (Synthetic preparation); PREP (Preparation)  
(preparation of)  
RN 5016-18-2 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl- (9CI) (CA  
INDEX NAME)



L5 ANSWER 43 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1988:167430 CAPLUS  
DN 108:167430  
TI Intermediates in the transformation of pyrimido[5,4-e]-1,2,4-  
triazinediones into imidazo[4,5-e]-1,2,4-triazinones  
AU Shorshnev, S. V.; Esipov, S. E.; Yakushkina, N. I.; Klyuev, N. A.;  
Zhil'nikov, V. G.; Chernyshev, A. I.  
CS Vses. Nauchno-Issled. Inst. Antibiot., Moscow, 113105, USSR  
SO Khimiya Geterotsiklicheskikh Soedinenii (1987), (9), 1252-9  
CODEN: KGSSAQ; ISSN: 0453-8234  
DT Journal  
LA Russian  
OS CASREACT 108:167430  
IT **5016-18-2**  
RL: RCT (Reactant); RACT (Reactant or reagent)  
(ring contraction of, by aqueous base)  
RN 5016-18-2 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl- (9CI) (CA  
INDEX NAME)

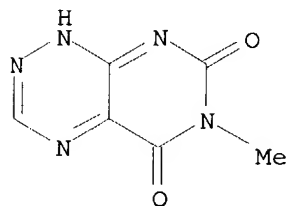


L5 ANSWER 44 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1988:164619 CAPLUS  
DN 108:164619  
TI MM 42842, a new member of the monobactam family produced by *Pseudomonas cocovenenans*. I. Identification of the producing organism  
AU Gwynn, Michael N.; Box, Stephen J.; Brown, Allan G.; Gilpin, Martin L.  
CS Beecham Pharm., Chemotherap. Res. Cent., Betchworth/Surrey, RH3 7AJ, UK  
SO Journal of Antibiotics (1988), 41(1), 1-6  
CODEN: JANTAJ; ISSN: 0021-8820  
DT Journal  
LA English  
IT **84-82-2**  
RL: FORM (Formation, nonpreparative)  
(formation of, by *Pseudomonas cocovenenans*, taxonomy in relation to)  
RN 84-82-2 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA INDEX NAME)



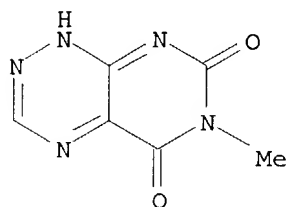
10/760,509

L5 ANSWER 45 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1988:116334 CAPLUS  
DN 108:116334  
TI Metal solubility by mycelial waste from antibiotic manufacturing  
AU Vernikova, L. M.; Bodop'yanova, L. S.; Krymskii, M. V.; Karpukhin, V. F.;  
Semenova, L. E.; Kalinina, N. M.  
CS Mosk. Geologorazved. Inst., Moscow, USSR  
SO Khimiko-Farmatsevticheskii Zhurnal (1987), 21(12), 1475-8  
CODEN: KHFZAN; ISSN: 0023-1134  
DT Journal  
LA Russian  
IT **5016-18-2P**, Reumycin  
RL: PREP (Preparation)  
(mycelial waste from manufacture of, gold dissoln. in, for recovery from  
ores)  
RN 5016-18-2 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl- (9CI) (CA  
INDEX NAME)

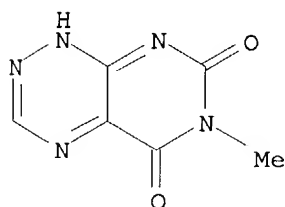


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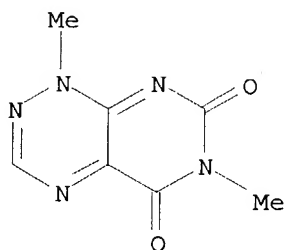
L5 ANSWER 46 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1987:156125 CAPLUS  
DN 106:156125  
TI NMR spectroscopic investigation of reumycin alkaline hydrolysis  
AU Shorshnev, S. V.; Esipov, S. E.; Chernyshev, A. I.  
CS All-Union Res. Inst. Antibiot., Moscow, USSR  
SO Antibiotiki i Meditsinskaya Biotekhnologiya (1987), 32(2), 116-20  
CODEN: AMBIEH; ISSN: 0233-7525  
DT Journal  
LA Russian  
IT **5016-18-2**, Reumycin  
RL: RCT (Reactant); RACT (Reactant or reagent)  
(alkaline hydrolysis of, NMR spectroscopic study of)  
RN 5016-18-2 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl- (9CI) (CA  
INDEX NAME)



L5 ANSWER 47 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1987:156124 CAPLUS  
DN 106:156124  
TI Structure and physicochemical properties of reumycin isolated molecules  
AU Sheina, G. G.; Esipov, S. E.; Ivanov, A. Yu.; Stepanyan, S. G.  
CS Inst. Low Temp. Phys. Eng., Kharkov, USSR  
SO Antibiotiki i Meditsinskaya Biotekhnologiya (1987), 32(2), 111-15  
CODEN: AMBIEH; ISSN: 0233-7525  
DT Journal  
LA Russian  
IT **5016-18-2**, Reumycin  
RL: PRP (Properties)  
(structure and physicochem. properties of)  
RN 5016-18-2 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl- (9CI) (CA  
INDEX NAME)

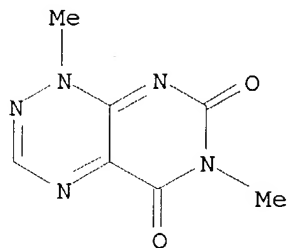


L5 ANSWER 48 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1987:50161 CAPLUS  
DN 106:50161  
TI Chemical study of pyrimido[5,4-e]1,2,4-triazines. Structure of product of xanthothricin transformation in aqueous solutions of amines  
AU Dovzhenko, S. A.; Pozmogova, G. E.; Esipov, S. E.; Aleksandrov, G. G.; Klyuev, N. A.; Chernyshev, A. I.  
CS All-Union Res. Inst. Antibiot., Moscow, USSR  
SO Antibiotiki i Meditsinskaya Biotekhnologiya (1986), 31(4), 258-61  
CODEN: AMBIEH; ISSN: 0233-7525  
DT Journal  
LA Russian  
IT **84-82-2**, Xanthothricin  
RL: RCT (Reactant); RACT (Reactant or reagent)  
(demethylation of, by aqueous diethylamine)  
RN 84-82-2 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA INDEX NAME)



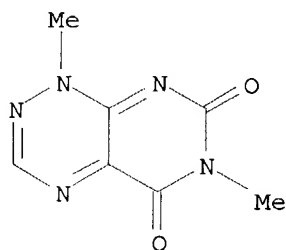
10/760,509

L5 ANSWER 49 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1986:608835 CAPLUS  
DN 105:208835  
TI X-ray analysis of xanthothricin and fervenulin, pyrimido[5,4-e]-1,2,4-  
triazine antibiotics  
AU Aleksandrov, G. G.; Esipov, S. E.  
CS All-Union Res. Inst. Antibiot., Moscow, USSR  
SO Antibiotiki i Meditsinskaya Biotekhnologiya (1986), 31(3), 181-4  
CODEN: AMBIEH; ISSN: 0233-7525  
DT Journal  
LA Russian  
IT **84-82-2**  
RL: PROC (Process)  
(x-ray anal. of)  
RN 84-82-2 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA  
INDEX NAME)

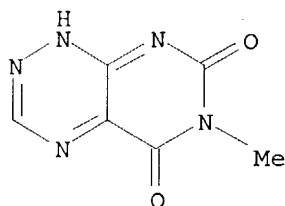




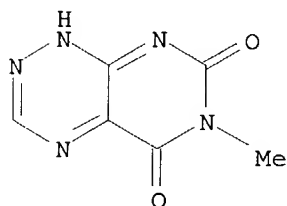
L5 ANSWER 50 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1986:568551 CAPLUS  
DN 105:168551  
TI Growth and toxin production of *Pseudomonas cocovenenans*, the so-called  
"bongkrek bacteria"  
AU Ko, Swan Djien  
CS Dep. Food Sci., Agric. Univ., Wageningen, Neth.  
SO ASEAN Food Journal (1985), 1(2), 78-84  
CODEN: AFJOEQ; ISSN: 0127-7324  
DT Journal  
LA English  
IT **84-82-2**  
RL: FORM (Formation, nonpreparative)  
(formation of, by *Pseudomonas cocovenenans*, tempe bongkrek food  
poisoning in relation to)  
RN 84-82-2 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA  
INDEX NAME)



L5 ANSWER 51 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1985:589153 CAPLUS  
DN 103:189153  
TI Clinical pharmacokinetics of reumycin, an antitumor antibiotic: analysis  
of individual variability  
AU Firsov, A. A.; Geodakyan, S. V.; Lichinitser, M. R.; Shutka, V. Ya.  
CS All-Union Res. Inst. Antibiot., Moscow, USSR  
SO Antibiotiki i Meditsinskaya Biotekhnologiya (1985), 30(8), 604-8  
CODEN: AMBIEH; ISSN: 0233-7525  
DT Journal  
LA Russian  
IT **5016-18-2**  
RL: BPR (Biological process); BSU (Biological study, unclassified); BIOL  
(Biological study); PROC (Process)  
(pharmacokinetics of, in humans)  
RN 5016-18-2 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl- (9CI) (CA  
INDEX NAME)

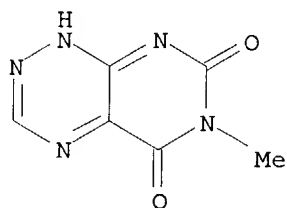


L5 ANSWER 52 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1985:504756 CAPLUS  
DN 103:104756  
TI Mechanism of conversion of pyrimido[5,4-e]-1,2,4-triazine-5,7-diones to  
imidazo[4,5-e]-1,2,4-triazin-6-ones in alkaline media  
AU Chernyshev, A. I.; Shorshnev, S. V.; Yakushina, N. I.; Esipov, S. E.  
CS Vses. Nauchno-Issled. Inst. Antibiot., Moscow, 113105, USSR  
SO Khimiya Geterotsiklicheskikh Soedinenii (1985), (2), 277-8  
CODEN: KGSSAQ; ISSN: 0453-8234  
DT Journal  
LA Russian  
OS CASREACT 103:104756  
IT **5016-18-2**  
RL: RCT (Reactant); RACT (Reactant or reagent)  
(ring contraction of, in alkaline medium, mechanism of)  
RN 5016-18-2 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl- (9CI) (CA  
INDEX NAME)

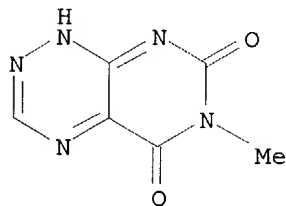


10/760,509

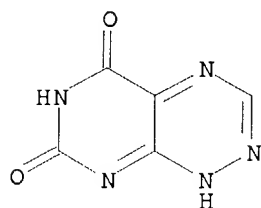
L5 ANSWER 53 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1985:432034 CAPLUS  
DN 103:32034  
TI The effect of antitumor drugs on the dynamics of energy metabolism in  
hepatoma 22-a cells studied by the phosphorus-31 NMR method  
AU Dubinskii, V. Z.; Semenova, N. A.; Sibel'dina, L. A.  
CS Inst. Khim. Fiz., Moscow, USSR  
SO Doklady Akademii Nauk SSSR (1985), 281(1), 180-3 [Biophys.]  
CODEN: DANKAS; ISSN: 0002-3264  
DT Journal  
LA Russian  
IT **5016-18-2**  
RL: BIOL (Biological study)  
(energy metabolism response to, in hepatoma 22-a)  
RN 5016-18-2 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl- (9CI) (CA  
INDEX NAME)



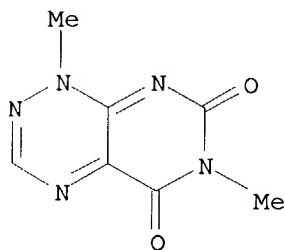
L5 ANSWER 54 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1985:416349 CAPLUS  
DN 103:16349  
TI Experimental pharmacokinetics of reumycin, a new antitumor antibiotic:  
simulation of pharmacokinetic profiles in humans  
AU Firsov, A. A.; Geodakyan, S. V.; Terent'eva, T. G.; Fomina, I. P.  
CS All-Union Res. Inst. Antibiot., Moscow, USSR  
SO Antibiotiki i Meditsinskaya Biotekhnologiya (1985), 30(4), 296-301  
CODEN: AMBIEH; ISSN: 0233-7525  
DT Journal  
LA Russian  
IT **5016-18-2**  
RL: BPR (Biological process); BSU (Biological study, unclassified); BIOL  
(Biological study); PROC (Process)  
(pharmacokinetics of, in humans)  
RN 5016-18-2 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl- (9CI) (CA  
INDEX NAME)



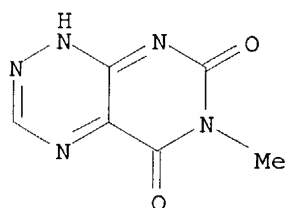
L5 ANSWER 55 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1985:200119 CAPLUS  
DN 102:200119  
TI Reactions between xanthine oxidase and 4-hydroxy-7-azapteridine  
AU Stewart, Richard C.; Massey, Vincent  
CS Dep. Biol. Chem., Univ. Michigan, Ann Arbor, MI, USA  
SO Flavins Flavoproteins, Proc. Int. Symp., 8th (1984), 687-90. Editor(s):  
Bray, Robert C.; Engel, Paul C.; Mayhew, Stephen G. Publisher: de Gruyter,  
Berlin, Fed. Rep. Ger.  
CODEN: 53HMAL  
DT Conference  
LA English  
IT **19359-69-4**  
RL: PRP (Properties)  
(visible spectrum of)  
RN 19359-69-4 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione (9CI) (CA INDEX NAME)



L5 ANSWER 56 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1985:172525 CAPLUS  
DN 102:172525  
TI NMR spectroscopic study of stability of pyrimido[5,4-e]-1,2,4-triazine  
antibiotics in acid-base media  
AU Esipov, S. E.; Chernyshev, A. I.; Shorshnev, S. V.; Yakushkina, N. I.;  
Antonovskii, V. L.  
CS All-Union Res. Inst. Antibiot., Moscow, USSR  
SO Antibiotiki i Meditsinskaya Biotekhnologiya (1985), 30(2), 122-4  
CODEN: AMBIEH; ISSN: 0233-7525  
DT Journal  
LA Russian  
IT **84-82-2 5016-18-2**  
RL: PRP (Properties)  
(stability of, in acid-base solns., NMR in study of)  
RN 84-82-2 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA  
INDEX NAME)

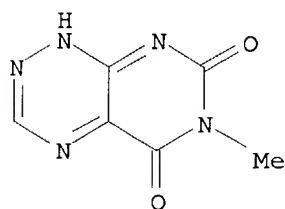


RN 5016-18-2 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl- (9CI) (CA  
INDEX NAME)



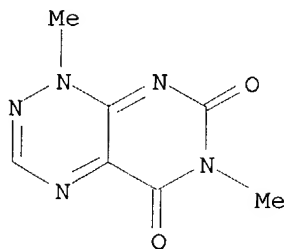
10/760,509

L5 ANSWER 57 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1984:522693 CAPLUS  
DN 101:122693  
TI Experimental study of the effect of reumycin effect on blood  
AU Svinogeeva, T. P.; Berezina, E. K.; Raiko, L. I.  
CS All-Union Res. Inst. Antibiot., Moscow, USSR  
SO Antibiotiki (Moscow) (1984), 29(7), 516-19  
CODEN: ANTBAL; ISSN: 0003-5637  
DT Journal  
LA Russian  
IT **5016-18-2**  
RL: PRP (Properties)  
(toxicity of, to blood and bone marrow)  
RN 5016-18-2 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl- (9CI) (CA  
INDEX NAME)

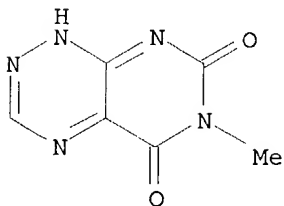




L5 ANSWER 58 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1983:416168 CAPLUS  
DN 99:16168  
TI Free radical mechanisms of action of pyrimidotriazine antibiotics  
AU Orlov, V. S.; Bogdanov, G. N.; Emanuel, N. M.; Esipov, S. E.; Navashin, S. M.  
CS Inst. Chem. Phys., Chernogolovka, USSR  
SO Bioorganicheskaya Khimiya (1983), 9(4), 556-60  
CODEN: BIKHD7; ISSN: 0132-3423  
DT Journal  
LA Russian  
IT **84-82-2 5016-18-2**  
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
(neoplasm-inhibiting activity of, anion radical formation in relation to)  
RN 84-82-2 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA INDEX NAME)

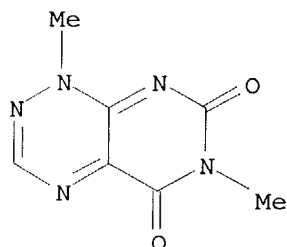


RN 5016-18-2 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl- (9CI) (CA INDEX NAME)



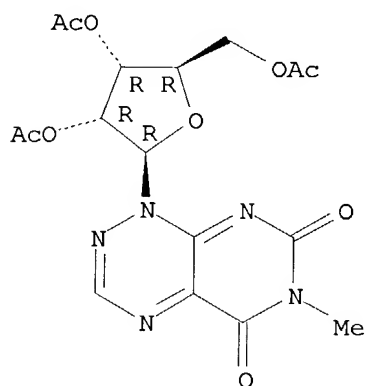
10/760,509

L5 ANSWER 59 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1982:596960 CAPLUS  
DN 97:196960  
TI Determination of bongkreikic acid and toxoflavin by high pressure liquid chromatography  
AU Voragen, A. G. J.; De Kok, H. A. M.; Kelholt, A. J.; Schols, H. A.; Djien, Ko Swan  
CS Dep. Food Sci., Agric. Univ., Wageningen, Neth.  
SO Food Chemistry (1982), 9(3), 167-74  
CODEN: FOCHDJ; ISSN: 0308-8146  
DT Journal  
LA English  
IT **84-82-2**  
RL: ANT (Analyte); ANST (Analytical study)  
(determination of, in coconut fermented bongkreik, by high-performance liquid chromatog.)  
RN 84-82-2 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA INDEX NAME)



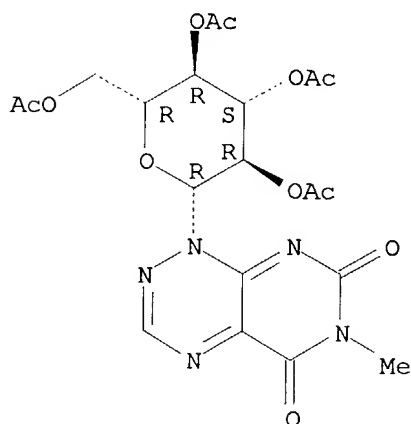
L5 ANSWER 60 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
 AN 1982:85869 CAPLUS  
 DN 96:85869  
 TI Synthesis of reumycin glycoside derivatives  
 AU Mel'nik, S. Ya.; Bakhmedova, A. A.; Volodin, Yu. Yu.; Preobrazhenskaya, M. N.; Chernyshev, A. I.; Esipov, S. E.; Navashin, S. M.  
 CS All-Union Cancer Res. Cent., Moscow, USSR  
 SO Bioorganicheskaya Khimiya (1981), 7(11), 1723-30  
 CODEN: BIKHD7; ISSN: 0132-3423  
 DT Journal  
 LA Russian  
 IT **80763-46-8P 80763-48-0P**  
 RL: SPN (Synthetic preparation); PREP (Preparation)  
 (preparation of)  
 RN 80763-46-8 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-1-(2,3,5-tri-O-acetyl- $\beta$ -D-ribofuranosyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 80763-48-0 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-1-(2,3,4,6-tetra-O-acetyl- $\beta$ -D-glucopyranosyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

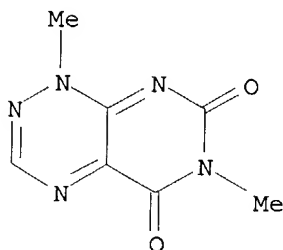


IT **84-82-2**

RL: RCT (Reactant); RACT (Reactant or reagent)  
(structure of reumycin glycosides in relation to)

RN 84-82-2 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA  
INDEX NAME)

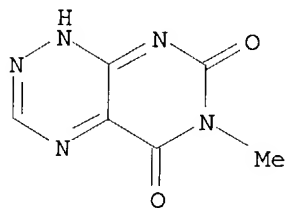


IT **5016-18-2**

RL: RCT (Reactant); RACT (Reactant or reagent)  
(trimethylsilylation of)

RN 5016-18-2 CAPLUS

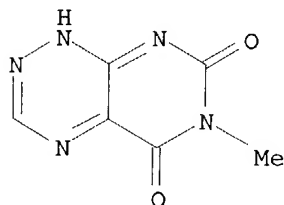
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl- (9CI) (CA  
INDEX NAME)



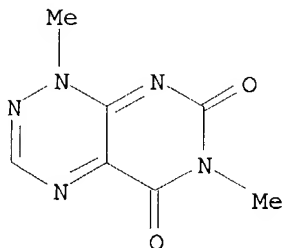
10/760,509

L5 ANSWER 61 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1982:18656 CAPLUS  
DN 96:18656  
TI Reumycin  
IN Esipov, S. E.; Kolosov, M. N.; Belyakova, L. G.  
PA Institute of Biochemistry and Physiology of Microorganisms, Academy of  
Sciences, U.S.S.R., USSR  
SO U.S.S.R.  
From: Otkrytiya, Izobret., Prom. Obraztsy, Tovarnye Znaki 1981, (33), 315.  
CODEN: URXXAF  
DT Patent  
LA Russian  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	SU 558533	A1	19810907	SU 1972-1853249	19721207
PRAI	SU 1972-1853249		19721207		
OS	CASREACT 96:18656				
IT	<b>5016-18-2P</b>				
	RL: BMF (Bioindustrial manufacture); BIOL (Biological study); PREP (Preparation) (manufacture of, from xanthothricin)				
RN	5016-18-2 CAPLUS				
CN	Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl- (9CI) (CA INDEX NAME)				



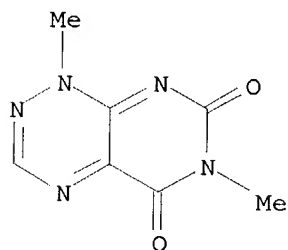
IT **84-82-2**  
RL: BIOL (Biological study)  
(reumycin production from)  
RN 84-82-2 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA  
INDEX NAME)



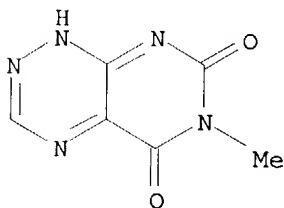
10/760,509

L5 ANSWER 62 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1982:6775 CAPLUS  
DN 96:6775  
TI Reumycin  
IN Esipov, S. E.; Kolosov, M. N.; Belyakova, L. G.; Baskunov, B. P.  
PA Institute of Biochemistry and Physiology of Microorganisms, Academy of  
Sciences, U.S.S.R., USSR  
SO U.S.S.R.  
From: Otkrytiya, Izobret., Prom. Obratzsy, Tovarnye Znaki 1981, (33), 312.  
CODEN: URXXAF  
DT Patent  
LA Russian  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	SU 583613	A1	19810907	SU 1976-2364095	19760525
PRAI	SU 1976-2364095		19760525		
OS	CASREACT 96:6775				
IT	<b>84-82-2</b>				
	RL: RCT (Reactant); RACT (Reactant or reagent) (demethylation of, with primary or secondary amines)				
RN	84-82-2 CAPLUS				
CN	Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA INDEX NAME)				

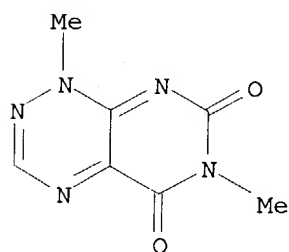


IT **5016-18-2P**  
RL: SPN (Synthetic preparation); PREP (Preparation)  
(preparation of, by demethylation of xanthothricin with primary or secondary  
amines)  
RN 5016-18-2 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl- (9CI) (CA  
INDEX NAME)

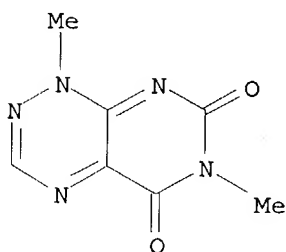


10/760,509

L5 ANSWER 63 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1982:6046 CAPLUS  
DN 96:6046  
TI Radical anion generation from antibiotics of the pyrimido[5,4-e]  
1,2,4-triazine group  
AU Kazakova, V. M.; Makarov, I. G.; Minina, N. E.; Esipov, S. E.; Chernyshev,  
A. I.  
CS M. V. Lomonosov Inst. Fine Chem. Technol., Moscow, USSR  
SO Bioorganicheskaya Khimiya (1981), 7(9), 1404-8  
CODEN: BIKHD7; ISSN: 0132-3423  
DT Journal  
LA Russian  
IT **49700-73-4**  
RL: PRP (Properties)  
(ESR of)  
RN 49700-73-4 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-, radical  
ion(1-) (9CI) (CA INDEX NAME)

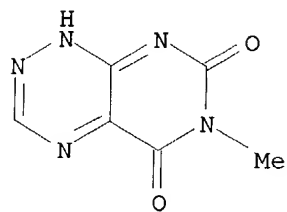


IT **84-82-2 5016-18-2**  
RL: PRP (Properties)  
(polarog. of)  
RN 84-82-2 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA  
INDEX NAME)



RN 5016-18-2 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl- (9CI) (CA  
INDEX NAME)

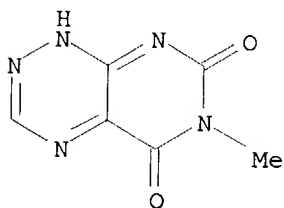
10/760,509





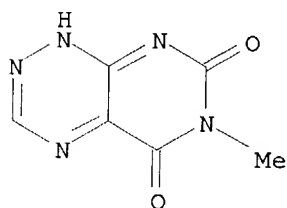
10/760,509

L5 ANSWER 64 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1982:374 CAPLUS  
DN 96:374  
TI Effect of reumycin, proxifeine, and prospidin on the growth of  
transplanted brain tumors in rats  
AU Romodanov, A. P.; Verkhoglyadova, T. P.; Annin, E. A.  
CS Res. Inst. Neurosurg., Kiev, USSR  
SO Eksperimental'naya Onkologiya (1981), 3(5), 71-3  
CODEN: EKSODD; ISSN: 0204-3564  
DT Journal  
LA Russian  
IT **5016-18-2**  
RL: BAC (Biological activity or effector, except adverse); BSU (Biological  
study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES  
(Uses)  
(antitumor activity of, after intrathecal administration)  
RN 5016-18-2 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl- (9CI) (CA  
INDEX NAME)



10/760,509

L5 ANSWER 65 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1981:473566 CAPLUS  
DN 95:73566  
TI Methods for screening and studying the specific activity of some  
antineoplastic antibiotics  
AU Navashin, S. M.; Ivanitskaya, L. P.; Terent'eva, T. G.; Egorov, L. V.  
CS Vses. Nauchno-Issled. Inst. Antibiot., Moscow, USSR  
SO Farmatsiya (Moscow, Russian Federation) (1981), 30(3), 55-7  
CODEN: FRMTAL; ISSN: 0367-3014  
DT Journal  
LA Russian  
IT **5016-18-2**  
RL: BAC (Biological activity or effector, except adverse); BSU (Biological  
study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES  
(Uses)  
(neoplasm inhibition by)  
RN 5016-18-2 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl- (9CI) (CA  
INDEX NAME)



10/760,509

L5 ANSWER 66 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1981:443176 CAPLUS  
DN 95:43176  
TI Preparation of reumycin  
IN Esipov, S. E.; Kolosov, M. N.; Belyakova, L. G.; Baskunov, B. P.;  
Gorokhova, T. I.; Saburova, L. A.; Terent'ev, T. G.; Navashin, S. M.  
PA All-Union Scientific-Research Institute of Antibiotics, USSR; Institute of  
Biochemistry and Physiology of Microorganisms, Academy of Sciences,  
U.S.S.R.  
SO Brit. UK Pat. Appl., 6 pp.  
CODEN: BAXXDU  
DT Patent  
LA English  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	GB 2039883	A	19800820	GB 1979-1170	19790112
	GB 2039883	B2	19821201		
	FR 2446836	A1	19800814	FR 1979-1536	19790122
	FR 2446836	B1	19830107		
PRAI	GB 1979-1170		19790112		

IT **77154-75-7DP**, derivs.

RL: SPN (Synthetic preparation); PREP (Preparation)  
(preparation of, as intermediates in preparation of reumycin)

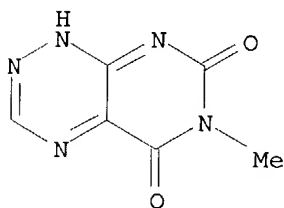
RN 77154-75-7 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-, compd. with  
methanamine (1:1) (9CI) (CA INDEX NAME)

CM 1

CRN 5016-18-2

CMF C6 H5 N5 O2



CM 2

CRN 74-89-5

CMF C H5 N

H<sub>3</sub>C-NH<sub>2</sub>

IT **5016-18-2P**

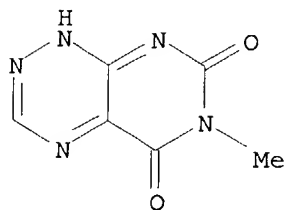
RL: SPN (Synthetic preparation); PREP (Preparation)  
(preparation of, from xanthothricin via quaternary ammonium salts)

RN 5016-18-2 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl- (9CI) (CA

10/760,509

INDEX NAME)



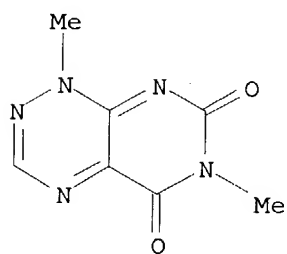
IT **84-82-2**

RL: RCT (Reactant); RACT (Reactant or reagent)

(reaction of, with amines, in reumycin preparation)

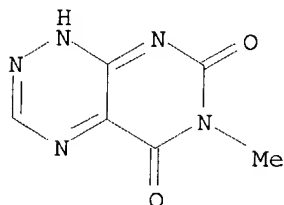
RN 84-82-2 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA  
INDEX NAME)



10/760,509

L5 ANSWER 67 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1981:424999 CAPLUS  
DN 95:24999  
TI Study of reduction products of the antibiotic reumycin  
(6-methylpyrimido[5,4-e][1,2,4]triazine-5,7-dione)  
AU Esipov, S. E.; Klyuev, N. A.; Saburova, L. A.; Adanin, V. M.  
CS Vses. Nauchno-Issled. Inst. Antibiot., Moscow, USSR  
SO Khimiya Prirodnkh Soedinenii (1981), (1), 85-95  
CODEN: KPSUAR; ISSN: 0023-1150  
DT Journal  
LA Russian  
IT **5016-18-2**  
RL: RCT (Reactant); RACT (Reactant or reagent)  
(hydrogenation of)  
RN 5016-18-2 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl- (9CI) (CA  
INDEX NAME)



L5 ANSWER 68 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
 AN 1981:207141 CAPLUS  
 DN 94:207141  
 TI Preparation of xanthothricin  
 IN Semenova, V. A.; Taig, M. M.; Solov'eva, N. K.; Kolosov, M. N.;  
 Terent'eva, T. G.; Navashin, S. M.; Esipov, S. E.; Belyakova, L. G.;  
 Saburova, L. A.; Gorokhova, T. I.  
 PA All-Union Scientific-Research Institute of Antibiotics, USSR; Institute of  
 Biochemistry and Physiology of Microorganisms, Academy of Sciences,  
 U.S.S.R.  
 SO Brit. UK Pat. Appl., 6 pp.  
 CODEN: BAXXDU  
 DT Patent  
 LA English  
 FAN.CNT 1

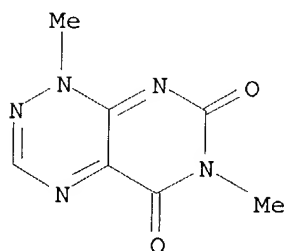
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	GB 2040281	A	19800828	GB 1979-1506	19790116
	GB 2040281	B2	19821215		
PRAI	GB 1979-1506		19790116		
IT	<b>84-82-2P</b>				

RL: BMF (Bioindustrial manufacture); BIOL (Biological study); PREP  
 (Preparation)

(manufacture of, by *Streptomyces brunneus xanthothricini*)

RN 84-82-2 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA  
 INDEX NAME)

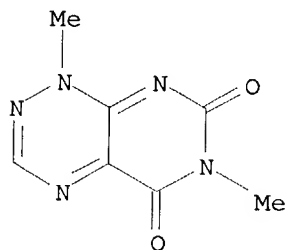


10/760,509

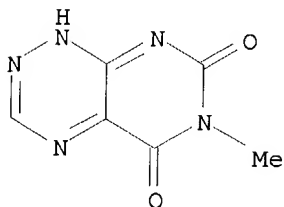
L5 ANSWER 69 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1981:84156 CAPLUS  
DN 94:84156  
TI Reumycin  
PA All-Union Scientific-Research Institute of Antibiotics, USSR; Institute of Biochemistry and Physiology of Microorganisms, Academy of Sciences, U.S.S.R.  
SO Jpn. Kokai Tokkyo Koho, 9 pp.  
CODEN: JKXXAF  
DT Patent  
LA Japanese  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 55102580	A2	19800805	JP 1979-9303	19790131
	JP 63046757	B4	19880919		
PRAI	JP 1979-9303		19790131		

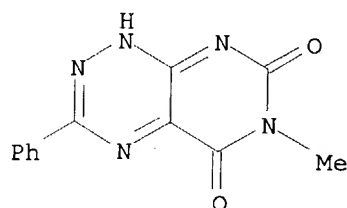
IT **84-82-2**  
RL: RCT (Reactant); RACT (Reactant or reagent)  
(demethylation of, reumycin from)  
RN 84-82-2 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA INDEX NAME)



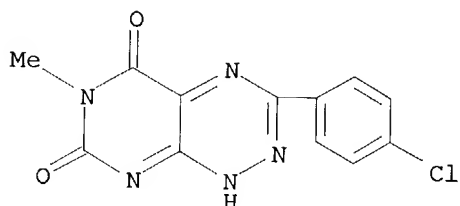
IT **5016-18-2P**  
RL: SPN (Synthetic preparation); PREP (Preparation)  
(preparation of)  
RN 5016-18-2 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl- (9CI) (CA INDEX NAME)



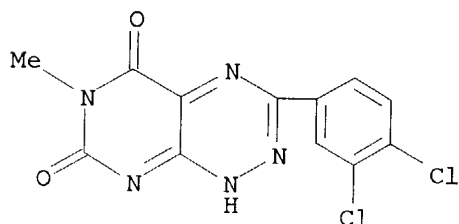
L5 ANSWER 70 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
 AN 1981:47272 CAPLUS  
 DN 94:47272  
 TI Synthesis of some 5H-imidazo[4,5-e]-as-triazin-6(7H)-ones  
 (6-azapurin-8-ones)  
 AU Yoneda, Fumio; Higuchi, Masatsugu; Nitta, Yoshihiro  
 CS Fac. Pharm. Sci., Kumamoto Univ., Kumamoto, 862, Japan  
 SO Journal of Heterocyclic Chemistry (1980), 17(5), 869-71  
 CODEN: JHTCAD; ISSN: 0022-152X  
 DT Journal  
 LA English  
 OS CASREACT 94:47272  
 IT **42285-76-7P 42285-77-8P 42285-78-9P**  
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT  
 (Reactant or reagent)  
 (preparation and reaction with alkyl iodides)  
 RN 42285-76-7 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-3-phenyl- (9CI)  
 (CA INDEX NAME)



RN 42285-77-8 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-chlorophenyl)-6-  
 methyl- (9CI) (CA INDEX NAME)



RN 42285-78-9 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3,4-dichlorophenyl)-6-  
 methyl- (9CI) (CA INDEX NAME)





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L5 ANSWER 71 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1980:586415 CAPLUS  
DN 93:186415  
TI Reumycin  
IN Esipov, S. E.; Kolosov, M. N.; Belyakova, L. G.; Baskunov, B. P.;  
Gorokhova, T. I.; Saburova, L. A.; Terent'eva, T. G.; Navashin, S. M.  
PA All-Union Scientific-Research Institute of Antibiotics, USSR; Institute of  
Biochemistry and Physiology of Microorganisms, Academy of Sciences,  
U.S.S.R.  
SO Ger. Offen., 14 pp.  
CODEN: GWXXBX  
DT Patent  
LA German  
FAN.CNT 1

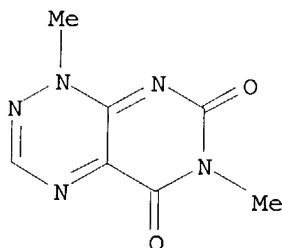
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 2901537	A1	19800724	DE 1979-2901537	19790116
	DE 2901537	C2	19881027		
PRAI	DE 1979-2901537		19790116		

IT **84-82-2**

RL: RCT (Reactant); RACT (Reactant or reagent)  
(demethylation of, by amine, reumycin from)

RN 84-82-2 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA  
INDEX NAME)

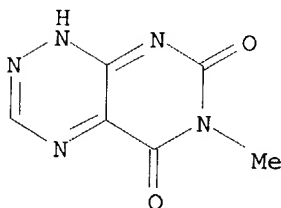


IT **5016-18-2P**

RL: SPN (Synthetic preparation); PREP (Preparation)  
(preparation and cytostatic activity of)

RN 5016-18-2 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl- (9CI) (CA  
INDEX NAME)

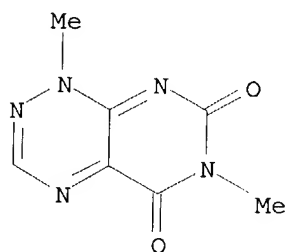


10/760,509

L5 ANSWER 72 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1980:584281 CAPLUS  
DN 93:184281  
TI Antibiotic xanthothricin  
PA All-Union Scientific-Research Institute of Antibiotics, USSR; Institute of Biochemistry and Physiology of Microorganisms, Academy of Sciences, U.S.S.R.  
SO Jpn. Kokai Tokkyo Koho, 7 pp.  
CODEN: JKXXAF  
DT Patent  
LA Japanese  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 55102395	A2	19800805	JP 1979-9304	19790131
	JP 61030558	B4	19860714		
PRAI	JP 1979-9304		19790131		

IT **84-82-2P**  
RL: BMF (Bioindustrial manufacture); BIOL (Biological study); PREP (Preparation)  
(manufacture of, with Streptomyces brunneus)  
RN 84-82-2 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA INDEX NAME)



L5 ANSWER 73 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
 AN 1980:548121 CAPLUS  
 DN 93:148121  
 TI Xanthothricin  
 IN Semenova, V. A.; Taig, M. M.; Solov'eva, N. K.; Kolosov, M. N.; Esipov, S. E.; Belyakova, L. G.; Saburova, L. A.; Gorokhova, T. I.; Terent'eva, T. G.; Navashin, S. M.  
 PA All-Union Scientific-Research Institute of Antibiotics, USSR; Institute of Biochemistry and Physiology of Microorganisms, Academy of Sciences, U.S.S.R.  
 SO Ger. Offen., 14 pp.  
 CODEN: GWXXBX  
 DT Patent  
 LA German  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	DE 2901392	A1	19800724	DE 1979-2901392	19790115
	FR 2446860	A1	19800814	FR 1979-1394	19790119
	FR 2446860	B1	19830805		
PRAI	DE 1979-2901392		19790115		

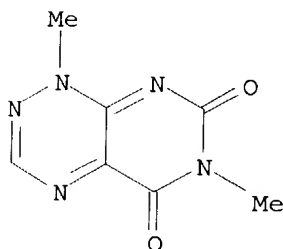
IT **84-82-2P**

RL: BMF (Bioindustrial manufacture); BIOL (Biological study); PREP (Preparation)

(manufacture of, with *Streptomyces brunneus*)

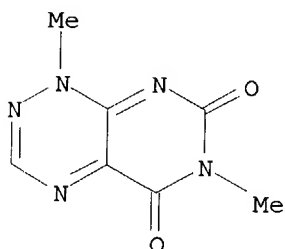
RN 84-82-2 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA INDEX NAME)

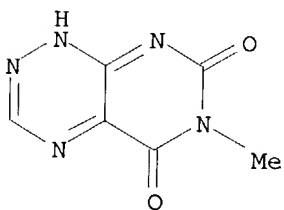


10/760,509

L5 ANSWER 74 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1980:127966 CAPLUS  
DN 92:127966  
TI Mass-spectrometric study of antibiotics of the pyrimido[5,4-e]-as-triazine series  
AU Adanin, V. M.; Esipov, S. E.; Zyakun, A. M.; Klyuev, N. A.; Saburova, C. A.; Bondar, V. A.  
CS Vses. Nauchno-Issled. Inst. Antibiot., Moscow, USSR  
SO Khimiya Geterotsiklicheskikh Soedinenii (1979), (9), 1270-7  
CODEN: KGSSAQ; ISSN: 0453-8234  
DT Journal  
LA Russian  
IT 84-82-2 5016-18-2 73011-37-7  
73011-40-2  
RL: PRP (Properties)  
(mass spectrum of)  
RN 84-82-2 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA INDEX NAME)

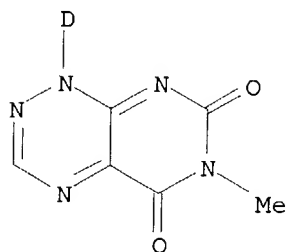


RN 5016-18-2 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl- (9CI) (CA INDEX NAME)

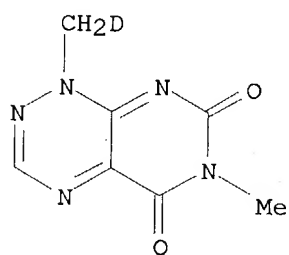


RN 73011-37-7 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione-1-d, 6-methyl- (9CI) (CA INDEX NAME)

10/760,509

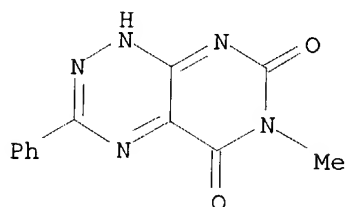


RN 73011-40-2 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-1-(methyl-d)-  
(9CI) (CA INDEX NAME)

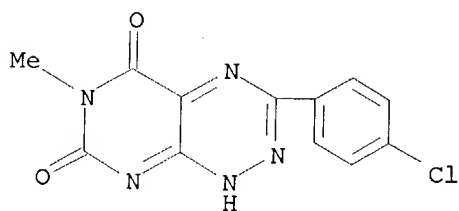


10/760,509

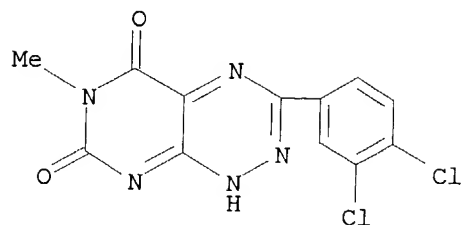
L5 ANSWER 75 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1979:54914 CAPLUS  
DN 90:54914  
TI Synthesis of imidazo[4,5-e]-as-triazine (6-azapurine) derivatives  
AU Yoneda, Fumio; Noguchi, Mitsuko; Noda, Mitsue; Nitta, Yoshihiro  
CS Fac. Pharm. Sci., Kumamoto Univ., Kumamoto, Japan  
SO Chemical & Pharmaceutical Bulletin (1978), 26(10), 3154-60  
CODEN: CPBTAL; ISSN: 0009-2363  
DT Journal  
LA English  
OS CASREACT 90:54914  
IT **42285-76-7P 42285-77-8P 42285-78-9P**  
**56098-06-7P 56098-14-7P 56189-61-8P**  
**68981-34-0P**  
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT  
(Reactant or reagent)  
(preparation and rearrangement of, azapurine derivative from)  
RN 42285-76-7 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-3-phenyl- (9CI)  
(CA INDEX NAME)



RN 42285-77-8 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-chlorophenyl)-6-methyl- (9CI) (CA INDEX NAME)

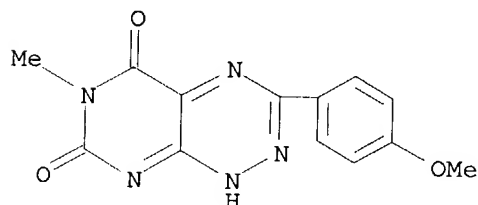


RN 42285-78-9 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3,4-dichlorophenyl)-6-methyl- (9CI) (CA INDEX NAME)



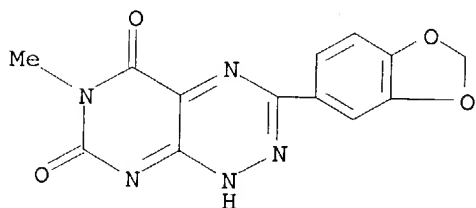
RN 56098-06-7 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(6H,8H)-dione, 3-(4-methoxyphenyl)-6-methyl- (9CI) (CA INDEX NAME)



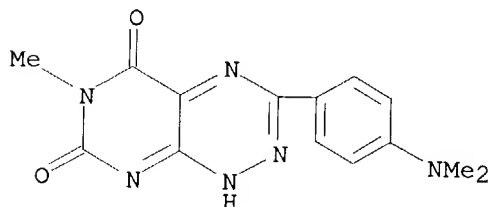
RN 56098-14-7 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(6H,8H)-dione, 3-(1,3-benzodioxol-5-yl)-6-methyl- (9CI) (CA INDEX NAME)



RN 56189-61-8 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(6H,8H)-dione, 3-[4-(dimethylamino)phenyl]-6-methyl- (9CI) (CA INDEX NAME)

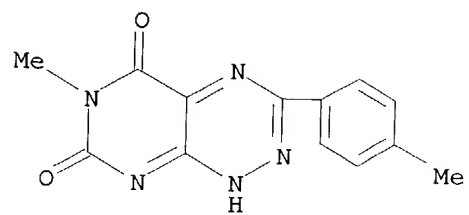


RN 68981-34-0 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-3-(4-methylphenyl)- (9CI) (CA INDEX NAME)

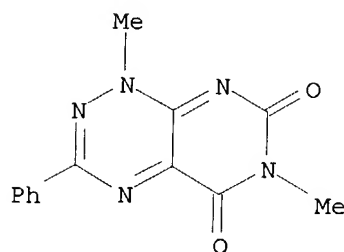


10/760,509

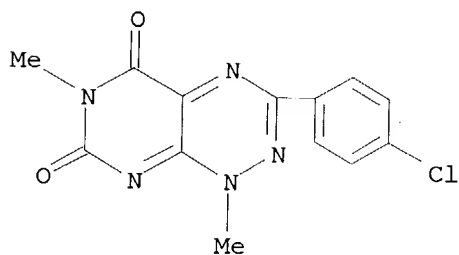


10/760,509

L5 ANSWER 76 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1978:507158 CAPLUS  
DN 89:107158  
TI Magnetic circular dichroism spectra of some 3-arylferavenulins and  
3-aryltioxoflavins  
AU Yamaguchi, H.; Kuwata, R.; Yoneda, F.  
CS Fac. Sci., Kumamoto Univ., Kumamoto, Japan  
SO Journal of Heterocyclic Chemistry (1978), 15(4), 615-18  
CODEN: JHTCAD; ISSN: 0022-152X  
DT Journal  
LA English  
IT **32502-63-9 42285-61-0 52348-60-4**  
RL: PRP (Properties)  
(magnetic CD of)  
RN 32502-63-9 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-phenyl-  
(9CI) (CA INDEX NAME)

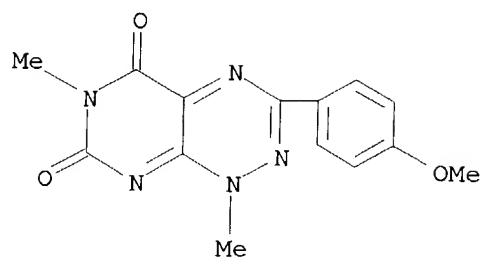


RN 42285-61-0 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-chlorophenyl)-1,6-  
dimethyl- (9CI) (CA INDEX NAME)

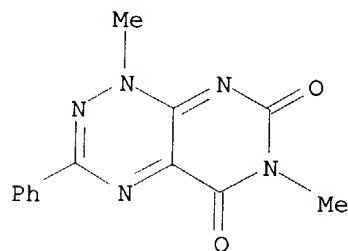


RN 52348-60-4 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-methoxyphenyl)-1,6-  
dimethyl- (9CI) (CA INDEX NAME)

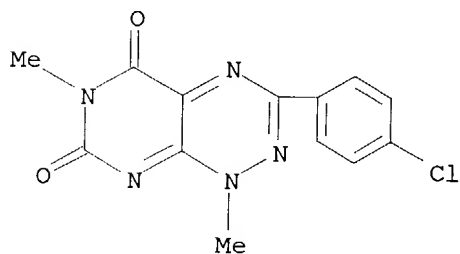
10/760,509



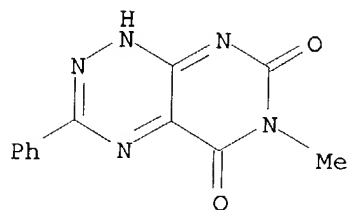
L5 ANSWER 77 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
 AN 1977:139991 CAPLUS  
 DN 86:139991  
 TI Syntheses of isoalloxazines, alloxazines, toxoflavines, and fervenulins by  
 oxidative cyclization of the Michael-type adducts from substituted  
 6-aminouracils and azo-compounds  
 AU Yoneda, Fumio; Sakuma, Yoshiharu; Nagamatsu, Tomohisa; Mizumoto, Shunjiro  
 CS Fac. Pharm. Sci., Kumamoto Univ., Kumamoto, Japan  
 SO Journal of the Chemical Society, Perkin Transactions 1: Organic and  
 Bio-Organic Chemistry (1972-1999) (1976), (22), 2398-402  
 CODEN: JCPRB4; ISSN: 0300-922X  
 DT Journal  
 LA English  
 IT **32502-63-9P 42285-61-0P 42285-76-7P**  
**52199-05-0P 52199-06-1P 52348-60-4P**  
 RL: SPN (Synthetic preparation); PREP (Preparation)  
 (preparation of)  
 RN 32502-63-9 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-phenyl-  
 (9CI) (CA INDEX NAME)



RN 42285-61-0 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-chlorophenyl)-1,6-  
 dimethyl- (9CI) (CA INDEX NAME)

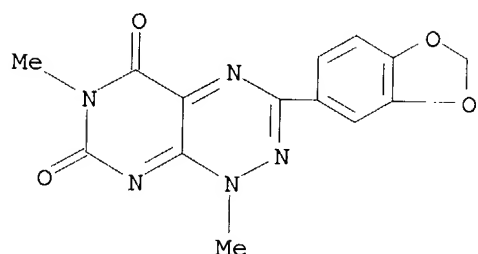


RN 42285-76-7 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-3-phenyl- (9CI)  
 (CA INDEX NAME)



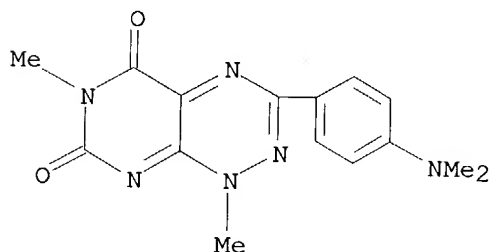
RN 52199-05-0 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(1,3-benzodioxol-5-yl)-1,6-dimethyl- (9CI) (CA INDEX NAME)



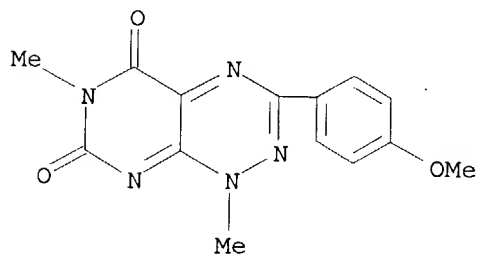
RN 52199-06-1 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[4-(dimethylamino)phenyl]-1,6-dimethyl- (9CI) (CA INDEX NAME)



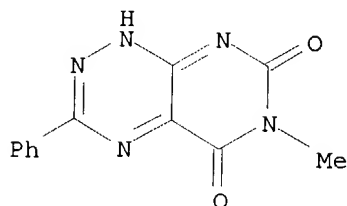
RN 52348-60-4 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-methoxyphenyl)-1,6-dimethyl- (9CI) (CA INDEX NAME)

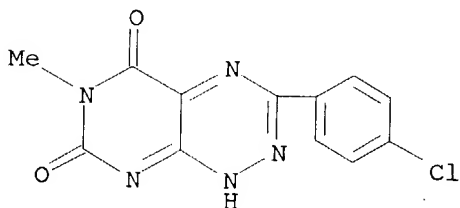


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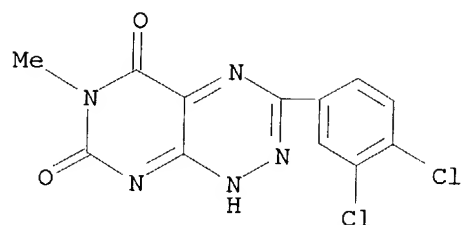
L5 ANSWER 78 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
 AN 1977:43664 CAPLUS  
 DN 86:43664  
 TI A transformation of 7-azapteridines into 6-azapurines (imidazo[4,5-e]-as-triazines)  
 AU Yoneda, Fumio; Kawamura, Mitsuko; Nagamatsu, Tomohisa; Kureitani, Kazuo; Hoshi, Akio; Iigo, Masaaki  
 CS Fac. Pharm. Sci., Kumamoto Univ., Kumamoto, Japan  
 SO Heterocycles (1976), 4(9), 1503-8  
 CODEN: HTCYAM; ISSN: 0385-5414  
 DT Journal  
 LA English  
 OS CASREACT 86:43664  
 IT **42285-76-7P 42285-77-8P 42285-78-9P**  
**56098-06-7P 56098-14-7P 56189-61-8P**  
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)  
 (preparation and ring contraction of, with base)  
 RN 42285-76-7 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-3-phenyl- (9CI)  
 (CA INDEX NAME)



RN 42285-77-8 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-chlorophenyl)-6-methyl- (9CI) (CA INDEX NAME)

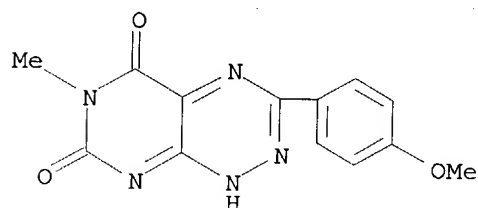


RN 42285-78-9 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3,4-dichlorophenyl)-6-methyl- (9CI) (CA INDEX NAME)



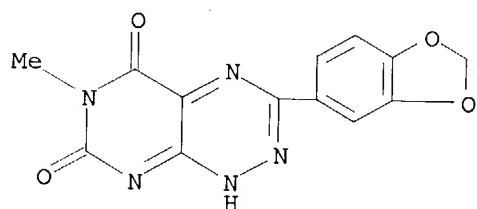
RN 56098-06-7 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(6H,8H)-dione, 3-(4-methoxyphenyl)-6-methyl- (9CI) (CA INDEX NAME)



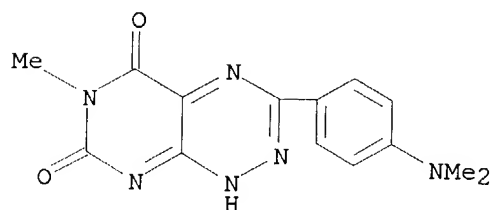
RN 56098-14-7 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(6H,8H)-dione, 3-(1,3-benzodioxol-5-yl)-6-methyl- (9CI) (CA INDEX NAME)



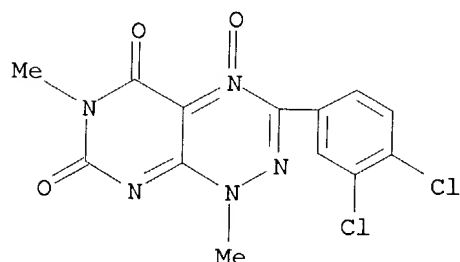
RN 56189-61-8 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(6H,8H)-dione, 3-[4-(dimethylamino)phenyl]-6-methyl- (9CI) (CA INDEX NAME)

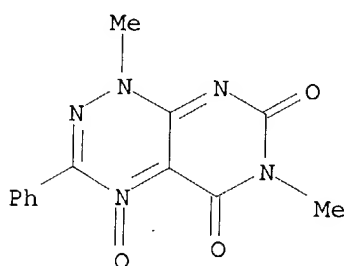




L5 ANSWER 79 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1977:43663 CAPLUS  
DN 86:43663  
TI 6-Azapurines (imidazo[4,5-e]-as-triazines)  
AU Yoneda, Fumio; Nagamura, Tetsuya; Kawamura, Mitsuko  
CS Fac. Pharm. Sci., Kumamoto Univ., Kumamoto, Japan  
SO Journal of the Chemical Society, Chemical Communications (1976), (16),  
658-9  
CODEN: JCCCAT; ISSN: 0022-4936  
DT Journal  
LA English  
OS CASREACT 86:43663  
IT **32496-16-5 57024-55-2 57562-64-8**  
RL: RCT (Reactant); RACT (Reactant or reagent)  
(reductive ring contraction of)  
RN 32496-16-5 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3,4-dichlorophenyl)-  
1,6-dimethyl-, 4-oxide (9CI) (CA INDEX NAME)

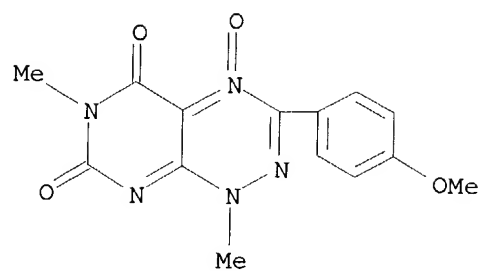


RN 57024-55-2 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-phenyl-,  
4-oxide (9CI) (CA INDEX NAME)

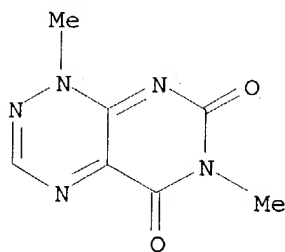


RN 57562-64-8 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-methoxyphenyl)-1,6-  
dimethyl-, 4-oxide (9CI) (CA INDEX NAME)

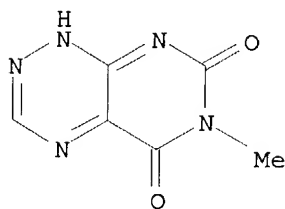
10/760,509



L5 ANSWER 80 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
 AN 1976:557879 CAPLUS  
 DN 85:157879  
 TI Anticarcinogenic antibiotics of the pyrimidino[5,4-e]-asym-triazine group.  
 Production, chemical structure, and properties  
 AU Esipov, S. E.  
 CS Otd. Bioorg. Khim., Inst. Biokhim. Fiziol. Mikroorg., Pushchino, USSR  
 SO Biokhim. Fiziol. Mikroorg. (1975), 77-81. Editor(s): Ivanov, M. V.  
 Publisher: Akad. Nauk SSSR, Nauchn. Tsentr Biol. Issled., Pushchino, USSR.  
 CODEN: 33NYAV  
 DT Conference  
 LA Russian  
 IT **84-82-2 5016-18-2**  
 RL: BIOL (Biological study)  
 (Actinomyces rectus bruneus)  
 RN 84-82-2 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA  
 INDEX NAME)

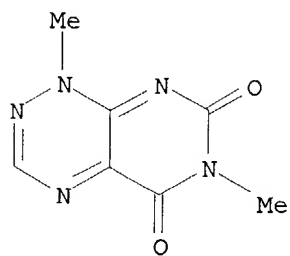


RN 5016-18-2 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl- (9CI) (CA  
 INDEX NAME)



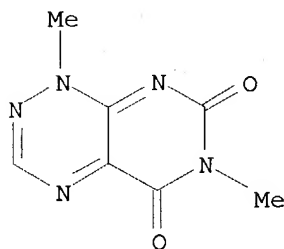
IT **84-82-2**  
 RL: FORM (Formation, nonpreparative)  
 (formation of, from reumycin)  
 RN 84-82-2 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA  
 INDEX NAME)

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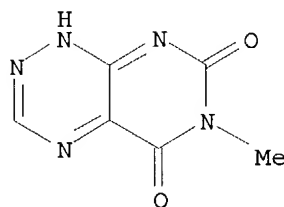


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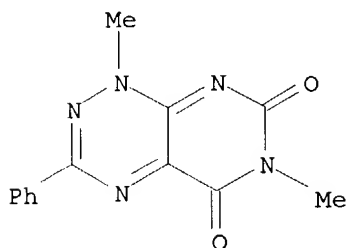
L5 ANSWER 81 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1976:516364 CAPLUS  
DN 85:116364  
TI Anticarcinogenic activity of the pyrimidino[5,4-e]-asym-triazine group.  
Mechanism of action on the electron transport system  
AU Akimenko, V. K.  
CS Otd. Bioenerg., Inst. Biokhim. Fiziol. Mikroorg., Pushchino, USSR  
SO Biokhim. Fiziol. Mikroorg. (1975), 81-4. Editor(s): Ivanov, M. V.  
Publisher: Akad. Nauk SSSR, Nauchn. Tsentr Biol. Issled., Pushchino, USSR.  
CODEN: 33NYAV  
DT Conference; General Review  
LA Russian  
IT **84-82-2 5016-18-2**  
RL: BIOL (Biological study)  
(electron transport system response to)  
RN 84-82-2 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA  
INDEX NAME)



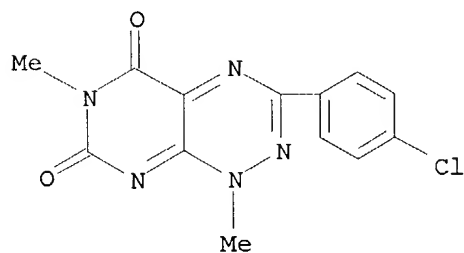
RN 5016-18-2 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl- (9CI) (CA  
INDEX NAME)



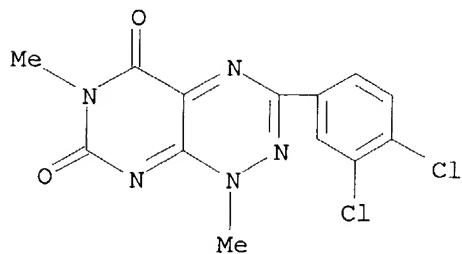
L5 ANSWER 82 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1976:446583 CAPLUS  
DN 85:46583  
TI A novel conversion of 7-azapteridines to purines  
AU Yoneda, Fumio; Nagamatsu, Tomohisa  
CS Fac. Pharm. Sci., Kumamoto Univ., Kumamoto, Japan  
SO Heterocycles (1976), 4(4), 749-52  
CODEN: HTCYAM; ISSN: 0385-5414  
DT Journal  
LA English  
IT 32502-63-9 42285-61-0 42285-69-8  
42285-76-7 42285-77-8 42285-78-9  
RL: RCT (Reactant); RACT (Reactant or reagent)  
(reaction of, with formamide, purine derivative from)  
RN 32502-63-9 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-phenyl-  
(9CI) (CA INDEX NAME)



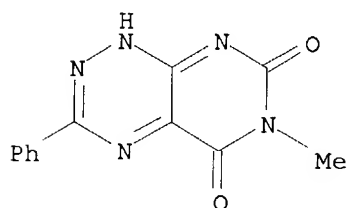
RN 42285-61-0 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-chlorophenyl)-1,6-dimethyl- (9CI) (CA INDEX NAME)



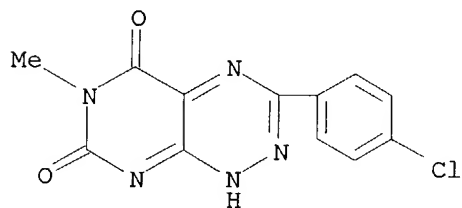
RN 42285-69-8 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3,4-dichlorophenyl)-1,6-dimethyl- (9CI) (CA INDEX NAME)



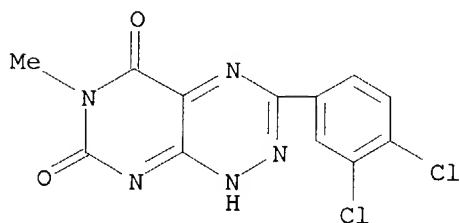
RN 42285-76-7 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-3-phenyl- (9CI)  
 (CA INDEX NAME)



RN 42285-77-8 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-chlorophenyl)-6-methyl- (9CI) (CA INDEX NAME)

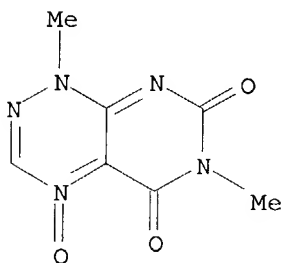


RN 42285-78-9 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3,4-dichlorophenyl)-6-methyl- (9CI) (CA INDEX NAME)

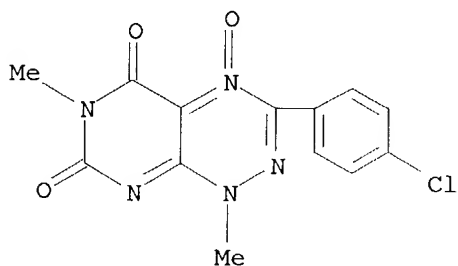


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L5 ANSWER 83 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1976:421301 CAPLUS  
DN 85:21301  
TI A new synthesis of pyrimido[4,5-e]-as-triazine 4-oxides by nitrosative cyclization of aldehyde uracil-6-ylhydrazones in the presence of diethyl azodiformate  
AU Yoneda, Fumio; Nagamatsu, Tomohisa; Shinomura, Kazuko  
CS Fac. Pharm. Sci., Kumamoto Univ., Kumamoto, Japan  
SO Journal of the Chemical Society, Perkin Transactions 1: Organic and Bio-Organic Chemistry (1972-1999) (1976), (7), 713-15  
CODEN: JCPRB4; ISSN: 0300-922X  
DT Journal  
LA English  
OS CASREACT 85:21301  
IT 32496-14-3P 32496-15-4P 32496-16-5P  
57024-55-2P 57562-64-8P 57562-68-2P  
60026-34-8P 60026-35-9P  
RL: SPN (Synthetic preparation); PREP (Preparation)  
(preparation of)  
RN 32496-14-3 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-, 4-oxide (9CI) (CA INDEX NAME)



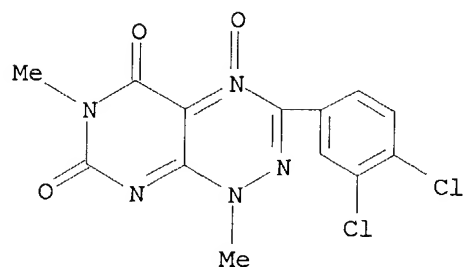
RN 32496-15-4 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-chlorophenyl)-1,6-dimethyl-, 4-oxide (9CI) (CA INDEX NAME)



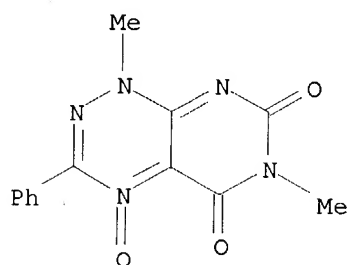
RN 32496-16-5 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3,4-dichlorophenyl)-1,6-dimethyl-, 4-oxide (9CI) (CA INDEX NAME)



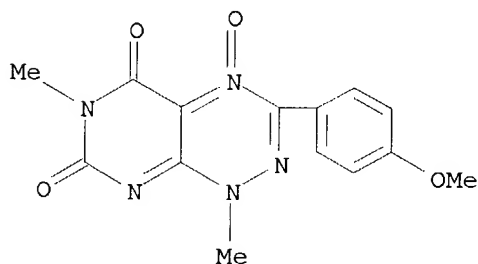
10/760,509



RN 57024-55-2 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-phenyl-,  
4-oxide (9CI) (CA INDEX NAME)

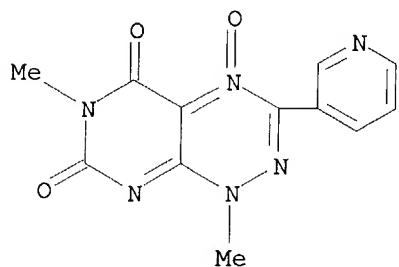


RN 57562-64-8 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-methoxyphenyl)-1,6-  
dimethyl-, 4-oxide (9CI) (CA INDEX NAME)



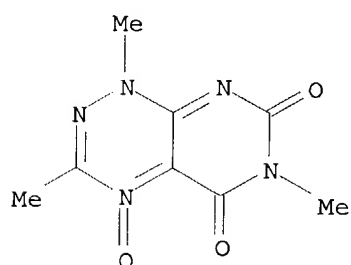
RN 57562-68-2 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-(3-  
pyridinyl)-, 4-oxide (9CI) (CA INDEX NAME)

10/760,509



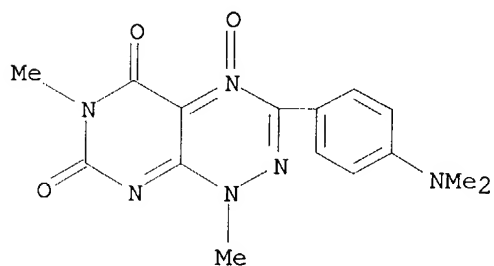
RN 60026-34-8 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,3,6-trimethyl-, 4-oxide  
(9CI) (CA INDEX NAME)



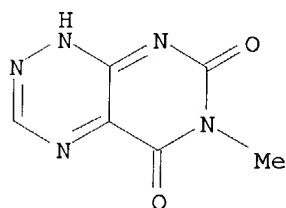
RN 60026-35-9 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[4-(dimethylamino)phenyl]-1,6-dimethyl-, 4-oxide (9CI) (CA INDEX NAME)

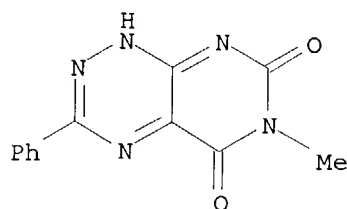


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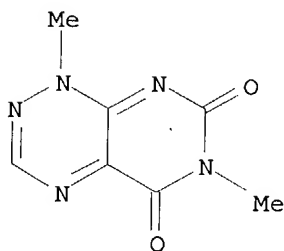
L5 ANSWER 84 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1976:130304 CAPLUS  
DN 84:130304  
TI Experimental study of the action of the antineoplastic antibiotic reumycin  
on a macroorganism  
AU Egorenko, G. G.; Shtegel'man, L. A.; Solov'ev, V. N.; Berezina, E. K.;  
Berezhinskaya, V. V.; Bykova, M. A.; Dolgova, G. V.; Firsov, A. A.  
CS All-Union Res. Inst. Antibiot., Moscow, USSR  
SO Antibiotiki (Moscow) (1976), 21(2), 178-82  
CODEN: ANTBAL; ISSN: 0003-5637  
DT Journal  
LA Russian  
IT **5016-18-2**  
RL: PRP (Properties)  
(side-effects of)  
RN 5016-18-2 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl- (9CI) (CA  
INDEX NAME)



L5 ANSWER 85 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
 AN 1976:17293 CAPLUS  
 DN 84:17293  
 TI New syntheses of fervenulin (1,3-dimethyl-7-azalumazine) and analogs  
 AU Yoneda, Fumio; Nagamatsu, Tomohisa  
 CS Fac. Pharm. Sci., Kumamoto Univ., Kumamoto, Japan  
 SO Bulletin of the Chemical Society of Japan (1975), 48(10), 2884-7  
 CODEN: BCSJA8; ISSN: 0009-2673  
 DT Journal  
 LA English  
 IT **42285-76-7**  
 RL: RCT (Reactant); RACT (Reactant or reagent)  
 (alkylation of)  
 RN 42285-76-7 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-3-phenyl- (9CI)  
 (CA INDEX NAME)

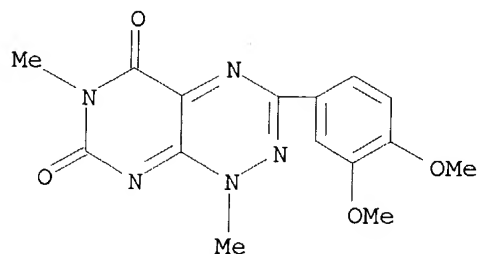


IT **84-82-2 32502-16-2 32502-19-5**  
**32502-63-9 42285-61-0**  
 RL: RCT (Reactant); RACT (Reactant or reagent)  
 (isomerization of, fervenulins from)  
 RN 84-82-2 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA INDEX NAME)



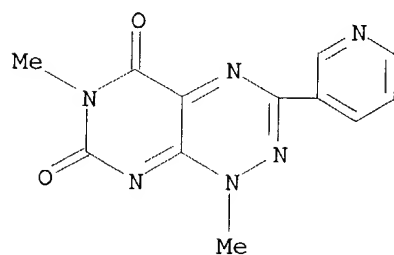
RN 32502-16-2 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3,4-dimethoxyphenyl)-1,6-dimethyl- (9CI) (CA INDEX NAME)

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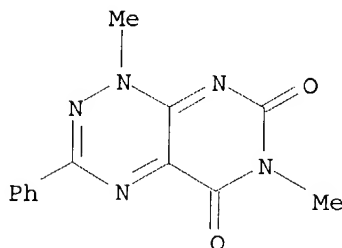
RN 32502-19-5 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-(3-pyridinyl)- (9CI) (CA INDEX NAME)



RN 32502-63-9 CAPLUS

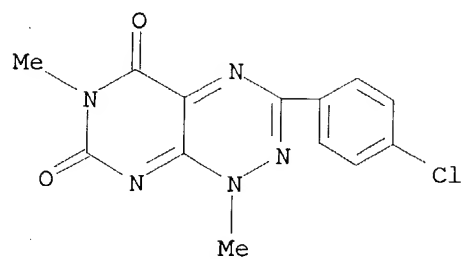
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-phenyl- (9CI) (CA INDEX NAME)



RN 42285-61-0 CAPLUS

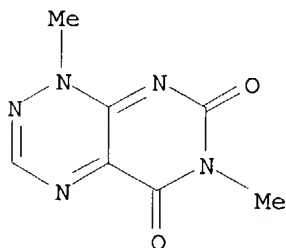
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-chlorophenyl)-1,6-dimethyl- (9CI) (CA INDEX NAME)

10/760,509

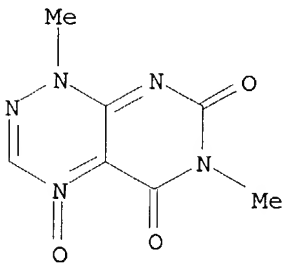


10/760,509

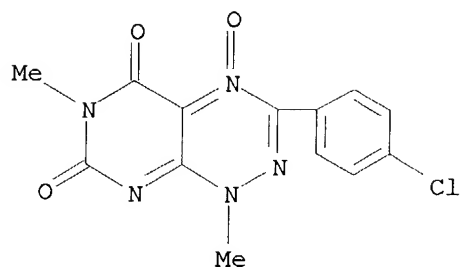
L5 ANSWER 86 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1976:4913 CAPLUS  
DN 84:4913  
TI Convenient synthesis of toxoflavins, toxoflavin 4-oxides, and  
1-demethyltoxoflavins  
AU Yoneda, Fumio; Nagamatsu, Tomohisa  
CS Fac. Pharm. Sci., Kumamoto Univ., Kumamoto, Japan  
SO Chemical & Pharmaceutical Bulletin (1975), 23(9), 2001-9  
CODEN: CPBTAL; ISSN: 0009-2363  
DT Journal  
LA English  
IT 84-82-2P 32496-14-3P 32496-15-4P  
32496-16-5P 32502-16-2P 32502-17-3P  
32502-18-4P 32502-19-5P 32502-20-8P  
32502-21-9P 32502-62-8P 32502-63-9P  
42285-61-0P 42285-69-8P 52199-05-0P  
52199-06-1P 52348-60-4P 57024-55-2P  
57562-64-8P 57562-65-9P 57562-66-0P  
57562-67-1P 57562-68-2P 57562-69-3P  
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT  
(Reactant or reagent)  
(preparation and demethylation of, by nucleophiles)  
RN 84-82-2 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA  
INDEX NAME)



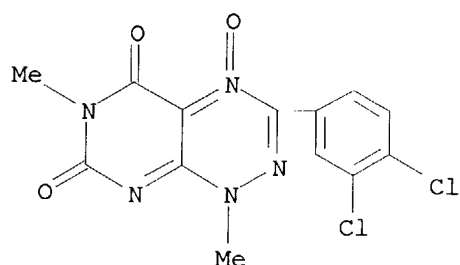
RN 32496-14-3 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-, 4-oxide  
(9CI) (CA INDEX NAME)



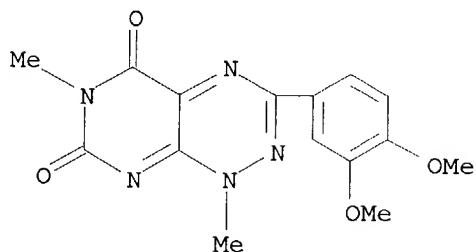
RN 32496-15-4 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-chlorophenyl)-1,6-  
dimethyl-, 4-oxide (9CI) (CA INDEX NAME)



RN 32496-16-5 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3,4-dichlorophenyl)-1,6-dimethyl-, 4-oxide (9CI) (CA INDEX NAME)

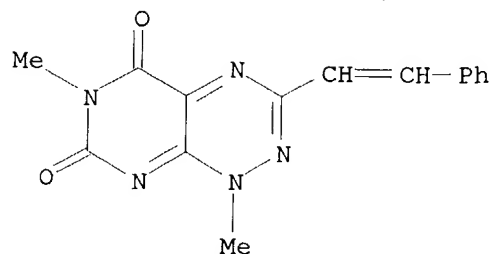


RN 32502-16-2 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3,4-dimethoxyphenyl)-1,6-dimethyl- (9CI) (CA INDEX NAME)

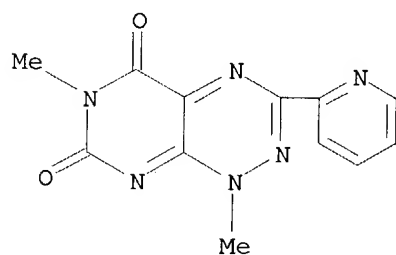


RN 32502-17-3 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-(2-phenylethenyl)- (9CI) (CA INDEX NAME)

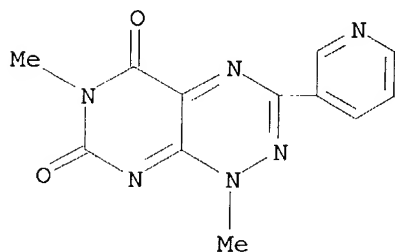




RN 32502-18-4 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-(2-pyridinyl)- (9CI) (CA INDEX NAME)

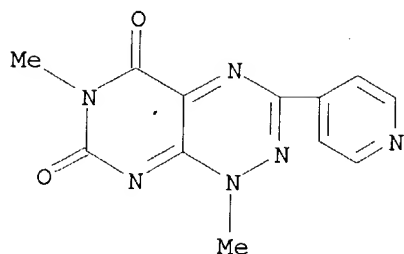


RN 32502-19-5 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-(3-pyridinyl)- (9CI) (CA INDEX NAME)



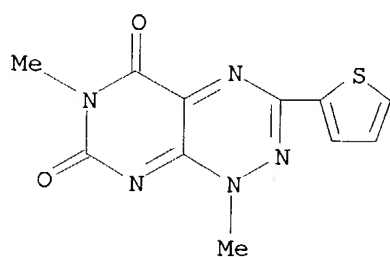
RN 32502-20-8 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-(4-pyridinyl)- (9CI) (CA INDEX NAME)

10/760,509



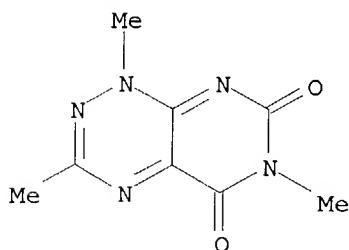
RN 32502-21-9 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-(2-thienyl)- (9CI) (CA INDEX NAME)



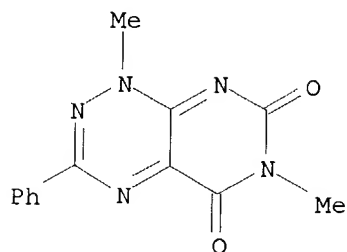
RN 32502-62-8 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,3,6-trimethyl- (9CI) (CA INDEX NAME)

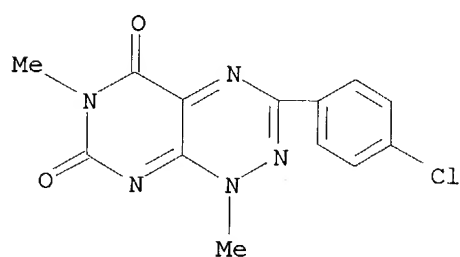


RN 32502-63-9 CAPLUS

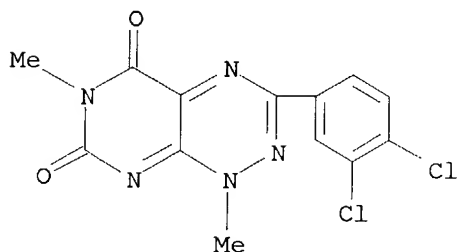
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-phenyl- (9CI) (CA INDEX NAME)



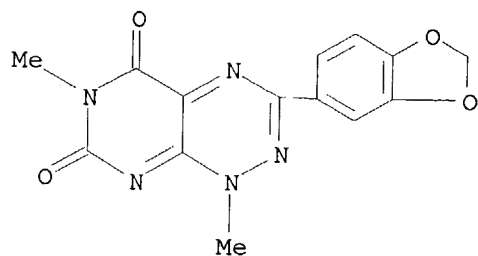
RN 42285-61-0 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-chlorophenyl)-1,6-dimethyl- (9CI) (CA INDEX NAME)



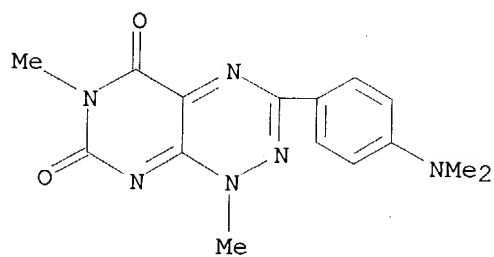
RN 42285-69-8 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3,4-dichlorophenyl)-1,6-dimethyl- (9CI) (CA INDEX NAME)



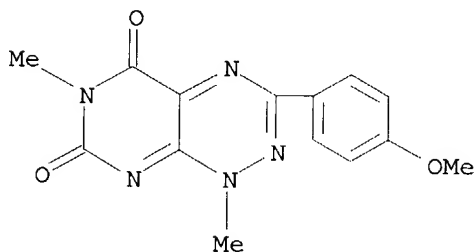
RN 52199-05-0 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(1,3-benzodioxol-5-yl)-1,6-dimethyl- (9CI) (CA INDEX NAME)



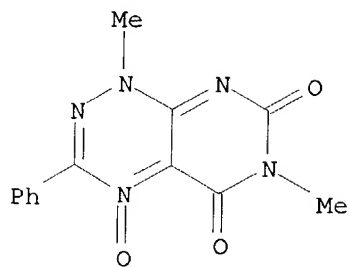
RN 52199-06-1 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[4-(dimethylamino)phenyl]-1,6-dimethyl- (9CI) (CA INDEX NAME)



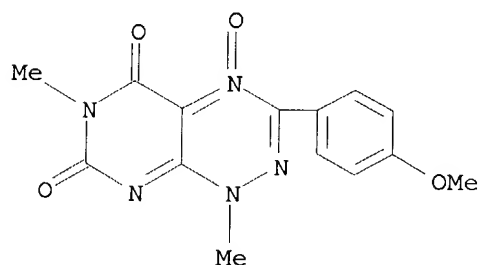
RN 52348-60-4 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-methoxyphenyl)-1,6-dimethyl- (9CI) (CA INDEX NAME)



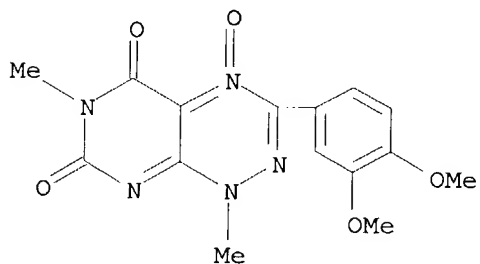
RN 57024-55-2 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-phenyl-, 4-oxide (9CI) (CA INDEX NAME)



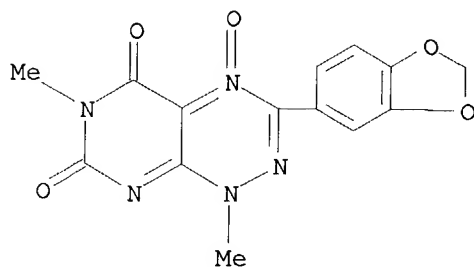
RN 57562-64-8 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-methoxyphenyl)-1,6-dimethyl-, 4-oxide (9CI) (CA INDEX NAME)



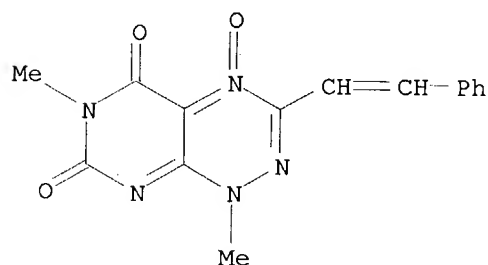
RN 57562-65-9 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3,4-dimethoxyphenyl)-1,6-dimethyl-, 4-oxide (9CI) (CA INDEX NAME)



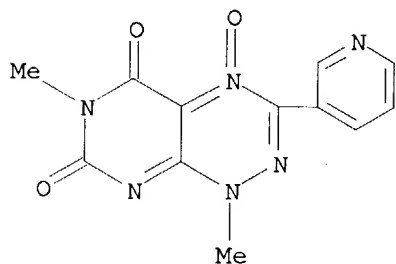
RN 57562-66-0 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(1,3-benzodioxol-5-yl)-1,6-dimethyl-, 4-oxide (9CI) (CA INDEX NAME)



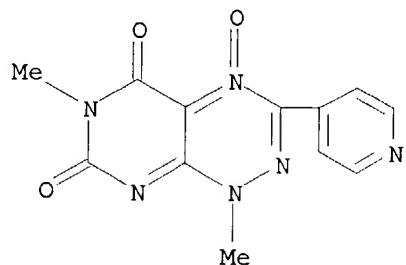
RN 57562-67-1 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-(2-phenylethenyl)-, 4-oxide (9CI) (CA INDEX NAME)



RN 57562-68-2 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-(3-pyridinyl)-, 4-oxide (9CI) (CA INDEX NAME)



RN 57562-69-3 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-(4-pyridinyl)-, 4-oxide (9CI) (CA INDEX NAME)

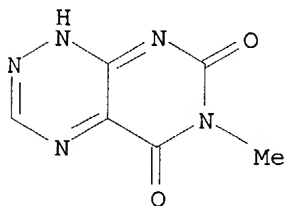


IT 5016-18-2P 42285-75-6P 42285-76-7P  
 42285-77-8P 42285-78-9P 42285-79-0P  
 42285-80-3P 42285-81-4P 42285-82-5P  
 42285-83-6P 42285-84-7P 56098-06-7P  
 56098-14-7P 56189-61-8P

RL: SPN (Synthetic preparation); PREP (Preparation)  
 (preparation of)

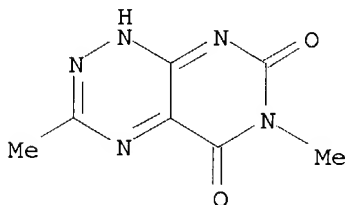
RN 5016-18-2 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl- (9CI) (CA  
 INDEX NAME)



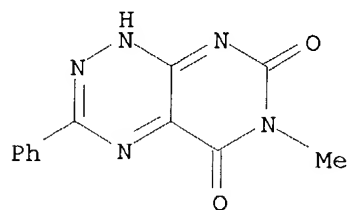
RN 42285-75-6 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3,6-dimethyl- (9CI) (CA  
 INDEX NAME)



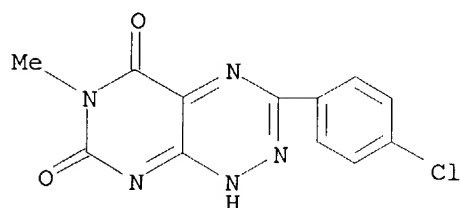
RN 42285-76-7 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-3-phenyl- (9CI)  
 (CA INDEX NAME)



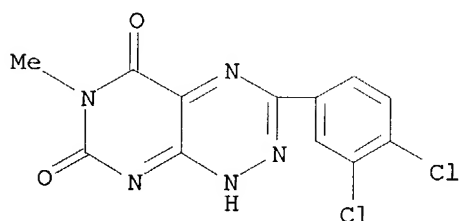
RN 42285-77-8 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-chlorophenyl)-6-methyl- (9CI) (CA INDEX NAME)



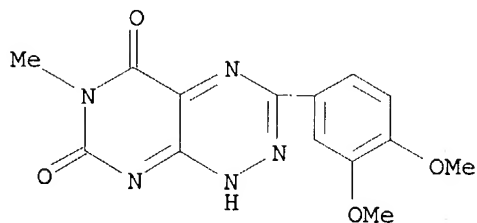
RN 42285-78-9 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3,4-dichlorophenyl)-6-methyl- (9CI) (CA INDEX NAME)



RN 42285-79-0 CAPLUS

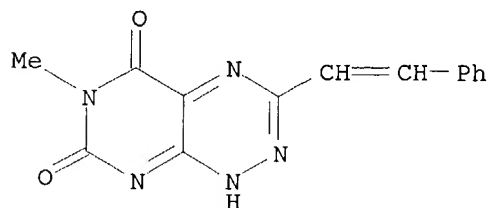
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3,4-dimethoxyphenyl)-6-methyl- (9CI) (CA INDEX NAME)



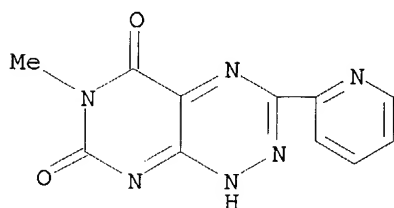
RN 42285-80-3 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-3-(2-phenylethenyl)- (9CI) (CA INDEX NAME)

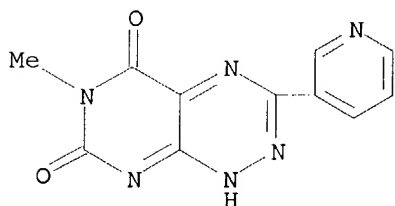




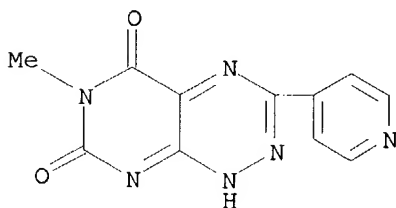
RN 42285-81-4 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-3-(2-pyridinyl)-  
(9CI) (CA INDEX NAME)

RN 42285-82-5 CAPLUS

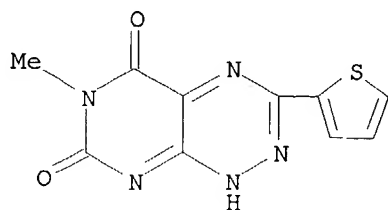
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-3-(3-pyridinyl)-  
(9CI) (CA INDEX NAME)

RN 42285-83-6 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-3-(4-pyridinyl)-  
(9CI) (CA INDEX NAME)

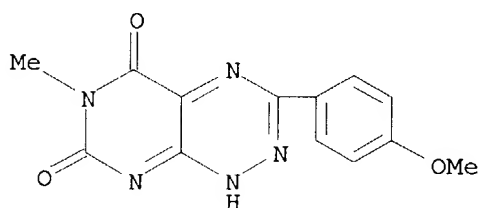
RN 42285-84-7 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-3-(2-thienyl)-  
(9CI) (CA INDEX NAME)



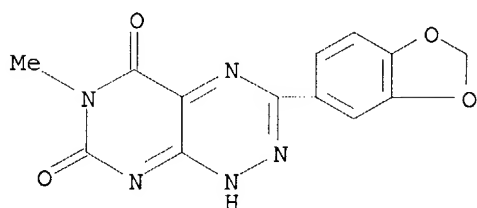
RN 56098-06-7 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(6H,8H)-dione, 3-(4-methoxyphenyl)-6-methyl- (9CI) (CA INDEX NAME)



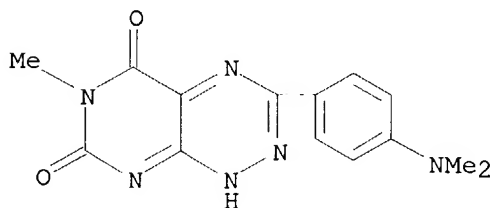
RN 56098-14-7 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(6H,8H)-dione, 3-(1,3-benzodioxol-5-yl)-6-methyl- (9CI) (CA INDEX NAME)



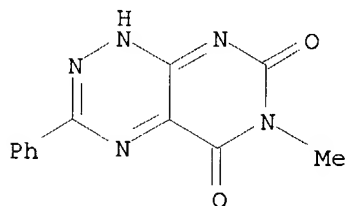
RN 56189-61-8 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(6H,8H)-dione, 3-[4-(dimethylamino)phenyl]-6-methyl- (9CI) (CA INDEX NAME)

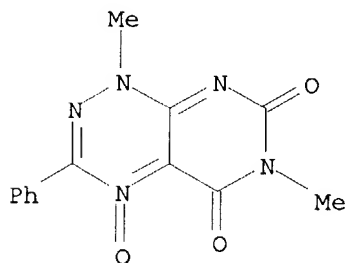


10/760,509

L5 ANSWER 87 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1975:578988 CAPLUS  
DN 83:178988  
TI Cyclization reactions of some 5-nitro- and 5-nitroso-6-benzylidenehydrazinouracils  
AU Yoneda, Fumio; Nagamatsu, Tomohisa  
CS Fac. Pharm. Sci., Kumamoto Univ., Kumamoto, Japan  
SO Chemical & Pharmaceutical Bulletin (1975), 23(8), 1885-8  
CODEN: CPBTAL; ISSN: 0009-2363  
DT Journal  
LA English  
OS CASREACT 83:178988  
IT **42285-76-7P 57024-55-2P**  
RL: SPN (Synthetic preparation); PREP (Preparation)  
(preparation of)  
RN 42285-76-7 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-3-phenyl- (9CI)  
(CA INDEX NAME)



RN 57024-55-2 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-phenyl-,  
4-oxide (9CI) (CA INDEX NAME)



L5 ANSWER 88 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1975:443279 CAPLUS  
DN 83:43279  
TI New synthetic method of toxoflavin derivatives  
AU Yoneda, Fumio; Nagamatsu, Tomohisa  
CS Fac. Pharm. Sci., Kumamoto Univ., Kumamoto, Japan  
SO Synthesis (1975), (3), 177-9  
CODEN: SYNTBF; ISSN: 0039-7881

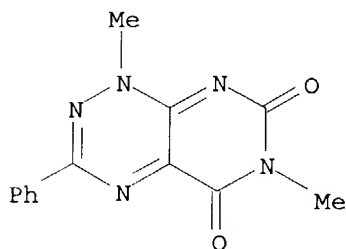
DT Journal  
LA English

IT 32502-63-9P 42285-61-0P 42285-76-7P  
42285-77-8P 52199-05-0P 52199-06-1P  
52348-60-4P 56098-06-7P 56098-14-7P  
56189-61-8P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT  
(Reactant or reagent)  
(preparation and ring closure of)

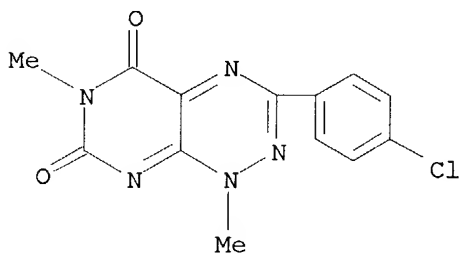
RN 32502-63-9 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-phenyl-  
(9CI) (CA INDEX NAME)



RN 42285-61-0 CAPLUS

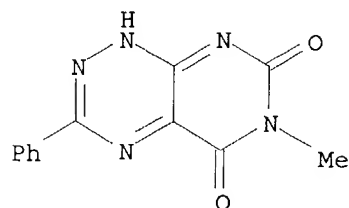
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-chlorophenyl)-1,6-dimethyl- (9CI) (CA INDEX NAME)



RN 42285-76-7 CAPLUS

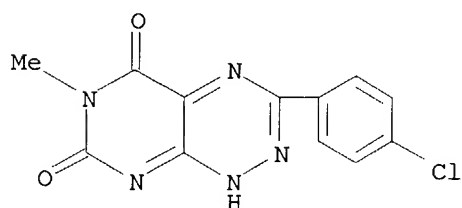
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-3-phenyl- (9CI)  
(CA INDEX NAME)

10/760,509



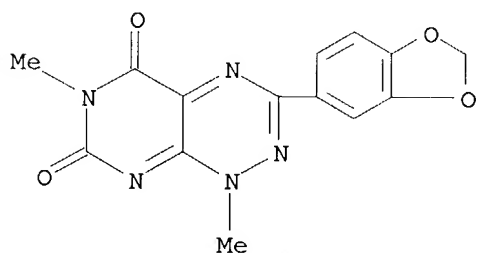
RN 42285-77-8 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-chlorophenyl)-6-methyl- (9CI) (CA INDEX NAME)



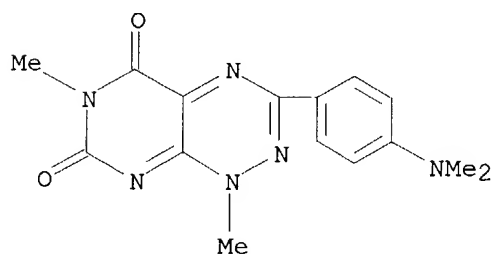
RN 52199-05-0 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(1,3-benzodioxol-5-yl)-1,6-dimethyl- (9CI) (CA INDEX NAME)



RN 52199-06-1 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[4-(dimethylamino)phenyl]-1,6-dimethyl- (9CI) (CA INDEX NAME)

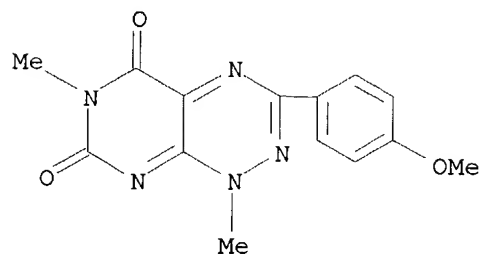


RN 52348-60-4 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-methoxyphenyl)-1,6-

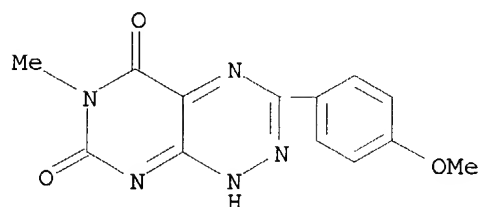
10/760,509

dimethyl- (9CI) (CA INDEX NAME)



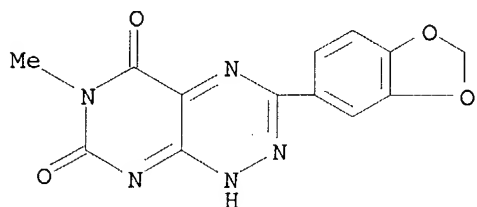
RN 56098-06-7 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(6H,8H)-dione, 3-(4-methoxyphenyl)-6-methyl- (9CI) (CA INDEX NAME)



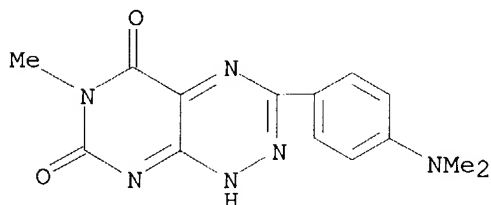
RN 56098-14-7 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(6H,8H)-dione, 3-(1,3-benzodioxol-5-yl)-6-methyl- (9CI) (CA INDEX NAME)



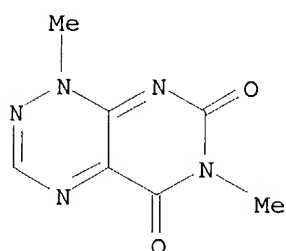
RN 56189-61-8 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(6H,8H)-dione, 3-[4-(dimethylamino)phenyl]-6-methyl- (9CI) (CA INDEX NAME)



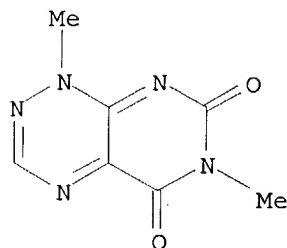
10/760,509

L5 ANSWER 89 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1975:132839 CAPLUS  
DN 82:132839  
TI Xanthothricin effect on cells of Ehrlich's ascitic sarcoma  
AU Akimenko, V. K.; Golovchenko, N. P.; Terent'eva, T. G.  
CS Inst. Biochem. Physiol. Microorg., Puschino-on-Oka, USSR  
SO Antibiotiki (Moscow) (1974), 19(12), 1101-4  
CODEN: ANTBAL; ISSN: 0003-5637  
DT Journal  
LA Russian  
IT **84-82-2**  
RL: BIOL (Biological study)  
(respiration by Ehrlich ascites carcinoma cell stimulation by)  
RN 84-82-2 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA  
INDEX NAME)



10/760,509

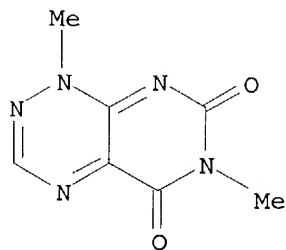
L5 ANSWER 90 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1975:107661 CAPLUS  
DN 82:107661  
TI Effect of the antibiotic xanthothricin on respiratory chain of the  
mitochondria of the yeast *Candida lipolytica*  
AU Akimenko, V. K.; Golovchenko, N. P.; Medentsev, A. G.  
CS Inst. Biokhim. Fiziol. Mikroorg., Moscow, USSR  
SO Mikrobiologiya (1974), 43(5), 839-43  
CODEN: MIKBA5; ISSN: 0026-3656  
DT Journal  
LA Russian  
IT **84-82-2**  
RL: BIOL (Biological study)  
(respiration by mitochondria of *Candida lipolytica* in response to)  
RN 84-82-2 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA  
INDEX NAME)





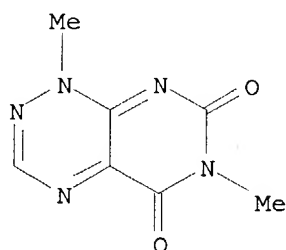
10/760,509

L5 ANSWER 91 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1975:38546 CAPLUS  
DN 82:38546  
TI Mechanism of action of the antibiotic xanthothricin on the respiratory  
chain of rat liver mitochondria  
AU Akimenko, V. K.; Golovchenko, N. P.; Esipov, S. E.  
CS Dep. Bioenerg., Inst. Biochem. Physiol. Microorg., Pushchino, USSR  
SO Biokhimiya (Moscow) (1974), 39(5), 1068-74  
CODEN: BIOHAO; ISSN: 0320-9725  
DT Journal  
LA Russian  
IT **84-82-2**  
RL: BIOL (Biological study)  
(respiration response to, in liver mitochondria)  
RN 84-82-2 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA  
INDEX NAME)



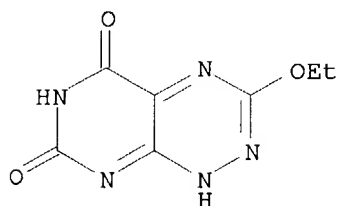
10/760,509

L5 ANSWER 92 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1975:25781 CAPLUS  
DN 82:25781  
TI Effect of xanthothricin on the respiratory chain  
AU Akimenko, V. K.; Golovchenko, N. P.; Medentsev, A. G.; Esipov, S. E.  
CS Bioenerg. Dep., Inst. Biochem. Physiol. Microorg., Pustchino, USSR  
SO FEBS Letters (1974), 46(1), 23-8  
CODEN: FEBLAL; ISSN: 0014-5793  
DT Journal  
LA English  
IT **84-82-2**  
RL: BIOL (Biological study)  
(electron transport system response to)  
RN 84-82-2 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA  
INDEX NAME)

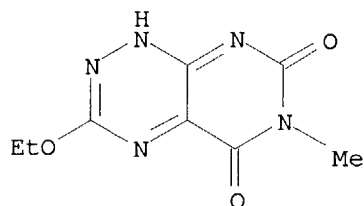


10/760,509

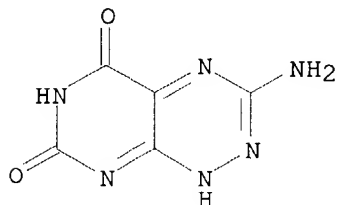
L5 ANSWER 93 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1974:505460 CAPLUS  
DN 81:105460  
TI Aza analogs of pteridine. VIII. 3-Amino- from 3-alkoxy-pyrimido[5,4-e]-  
as-triazin-5-ones prepared by cyclization of 3-ethoxy-1,2,4-triazines or  
other means  
AU Brown, D. J.; Lynn, R. K.  
CS John Curtin Sch. Med. Res., Canberra, Australia  
SO Australian Journal of Chemistry (1974), 27(8), 1781-90  
CODEN: AJCHAS; ISSN: 0004-9425  
DT Journal  
LA English  
IT **42786-62-9P 54185-69-2P 54185-70-5P**  
**54185-71-6P**  
RL: PRP (Properties); SPN (Synthetic preparation); PREP (Preparation)  
(preparation and spectral properties of)  
RN 42786-62-9 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,8H)-dione, 3-ethoxy- (9CI) (CA  
INDEX NAME)



RN 54185-69-2 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-ethoxy-6-methyl- (9CI)  
(CA INDEX NAME)



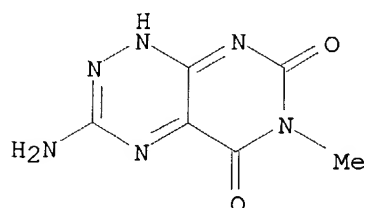
RN 54185-70-5 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-amino- (9CI) (CA INDEX  
NAME)



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RN 54185-71-6 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-amino-6-methyl- (9CI)  
(CA INDEX NAME)



IT **54249-64-8P**

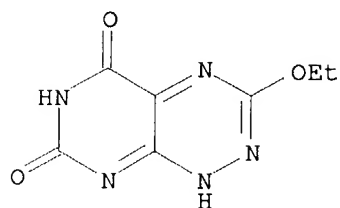
RL: SPN (Synthetic preparation); PREP (Preparation)  
(preparation of)

RN 54249-64-8 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-ethoxy-, compd. with  
methanamine (1:1) (9CI) (CA INDEX NAME)

CM 1

CRN 42786-62-9  
CMF C7 H7 N5 O3



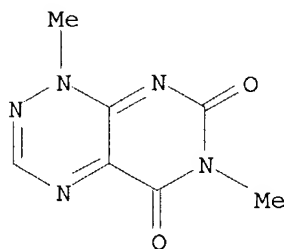
CM 2

CRN 74-89-5  
CMF C H5 N

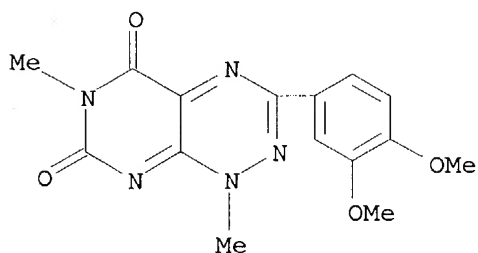
H<sub>3</sub>C-NH<sub>2</sub>

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L5 ANSWER 94 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1974:491479 CAPLUS  
DN 81:91479  
TI New method for the transformation of toxoflavines to fervenulins  
AU Yoneda, Fumio; Nagamatsu, Tomohisa  
CS Fac. Pharm. Sci., Kumamoto Univ., Kumamoto, Japan  
SO Journal of Heterocyclic Chemistry (1974), 11(2), 271-3  
CODEN: JHTCAD; ISSN: 0022-152X  
DT Journal  
LA English  
IT 84-82-2 32502-16-2 32502-19-5  
32502-20-8 32502-63-9 42285-61-0  
52199-05-0 52199-06-1 52348-60-4  
RL: RCT (Reactant); RACT (Reactant or reagent)  
(reaction with dimethylformamide acetal, in fervenulin preparation)  
RN 84-82-2 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA INDEX NAME)

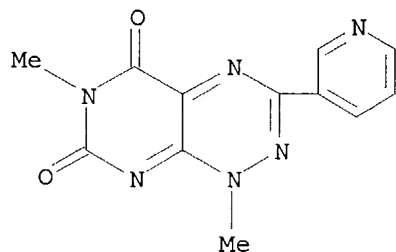


RN 32502-16-2 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3,4-dimethoxyphenyl)-1,6-dimethyl- (9CI) (CA INDEX NAME)



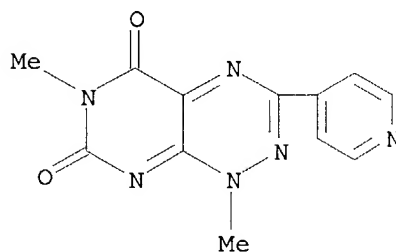
RN 32502-19-5 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-(3-pyridinyl)- (9CI) (CA INDEX NAME)

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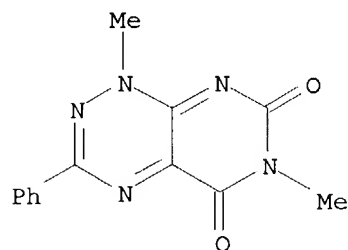
RN 32502-20-8 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-(4-pyridinyl)- (9CI) (CA INDEX NAME)



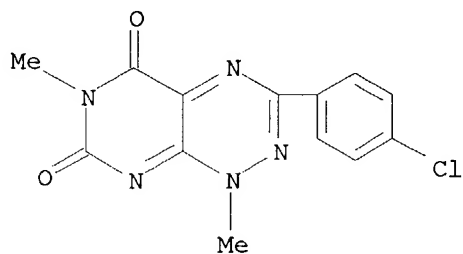
RN 32502-63-9 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-phenyl- (9CI) (CA INDEX NAME)



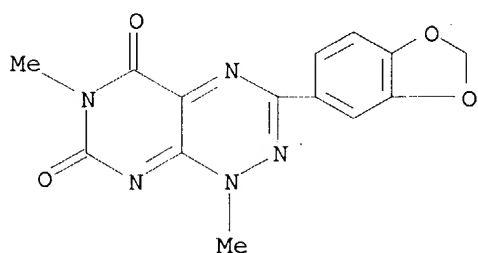
RN 42285-61-0 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-chlorophenyl)-1,6-dimethyl- (9CI) (CA INDEX NAME)



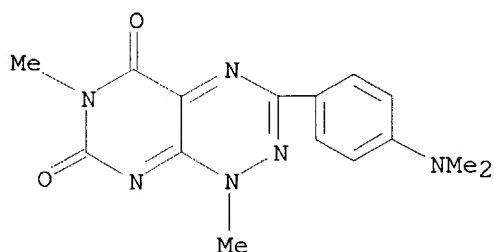
RN 52199-05-0 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(1,3-benzodioxol-5-yl)-1,6-dimethyl- (9CI) (CA INDEX NAME)



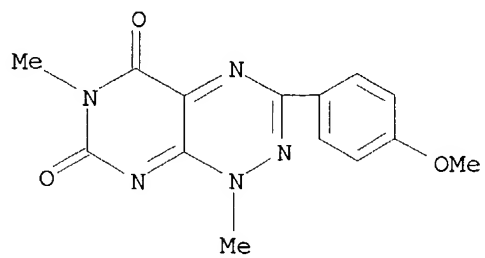
RN 52199-06-1 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[4-(dimethylamino)phenyl]-1,6-dimethyl- (9CI) (CA INDEX NAME)



RN 52348-60-4 CAPLUS

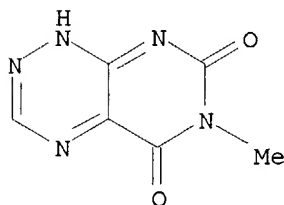
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-methoxyphenyl)-1,6-dimethyl- (9CI) (CA INDEX NAME)



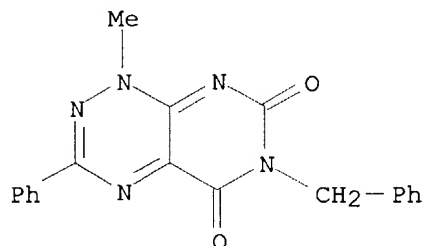


10/760,509

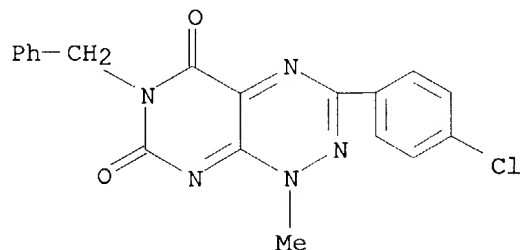
L5 ANSWER 95 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1974:400094 CAPLUS  
DN 81:94  
TI Activity of reumycin in relation to transplanted animal tumors and human tumor explants  
AU Navashin, S. M.; Fomina, I. N.; Terent'eva, T. G.; Shtegel'man, L. A.  
CS Vses. Nauchno-Issled. Inst. Antibiot., Moscow, USSR  
SO Aktual'nye Voprosy Sovremennoi Onkologii (1973), No. 3, 273-83  
CODEN: AVSOEB; ISSN: 0365-8333  
DT Journal  
LA Russian  
IT **5016-18-2**  
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
(neoplasm inhibitors)  
RN 5016-18-2 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl- (9CI) (CA INDEX NAME)



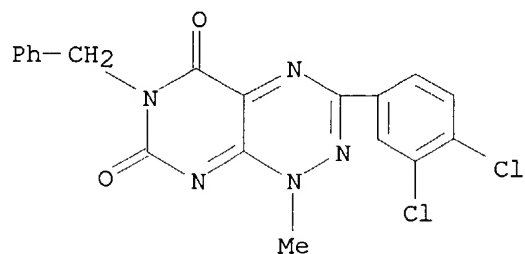
L5 ANSWER 96 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
 AN 1974:120872 CAPLUS  
 DN 80:120872  
 TI Synthesis and properties of 6-benzyl analogs of toxoflavin  
 AU Yoneda, Fumio; Nagamatsu, Tomohisa; Ichiba, Misuzu  
 CS Fac. Pharm. Sci., Kumamoto Univ., Kumamoto, Japan  
 SO Journal of Heterocyclic Chemistry (1974), 11(1), 83-5  
 CODEN: JHTCAD; ISSN: 0022-152X  
 DT Journal  
 LA English  
 IT **52197-57-6P 52197-58-7P 52197-59-8P**  
**52197-60-1P 52197-61-2P 52197-62-3P**  
**52197-63-4P 52197-64-5P 52197-65-6P**  
**52197-66-7P 52197-67-8P 52223-26-4P**  
 RL: SPN (Synthetic preparation); PREP (Preparation)  
 (preparation of)  
 RN 52197-57-6 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-methyl-3-phenyl-6-(phenylmethyl)- (9CI) (CA INDEX NAME)



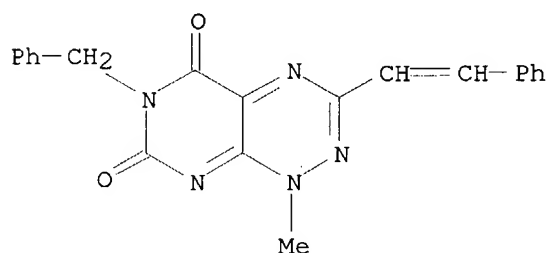
RN 52197-58-7 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-chlorophenyl)-1-methyl-6-(phenylmethyl)- (9CI) (CA INDEX NAME)



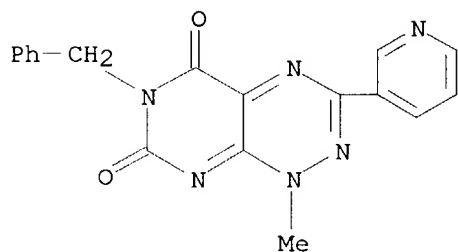
RN 52197-59-8 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3,4-dichlorophenyl)-1-methyl-6-(phenylmethyl)- (9CI) (CA INDEX NAME)



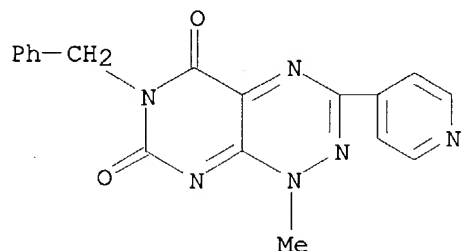
RN 52197-60-1 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-methyl-3-(2-phenylethenyl)-6-(phenylmethyl)- (9CI) (CA INDEX NAME)



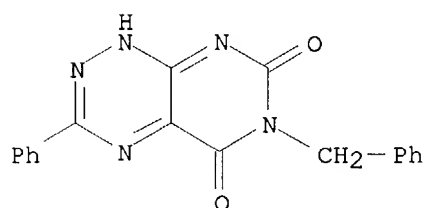
RN 52197-61-2 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-methyl-6-(phenylmethyl)-3-(3-phenyl-2-propenyl)- (9CI) (CA INDEX NAME)



RN 52197-62-3 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-methyl-6-(phenylmethyl)-3-(4-pyridinyl)- (9CI) (CA INDEX NAME)

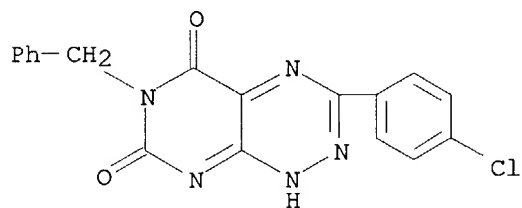


RN 52197-63-4 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-phenyl-6-(phenylmethyl)-  
(9CI) (CA INDEX NAME)

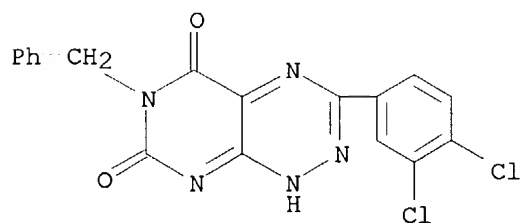
RN 52197-64-5 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-chlorophenyl)-6-(phenylmethyl)- (9CI) (CA INDEX NAME)



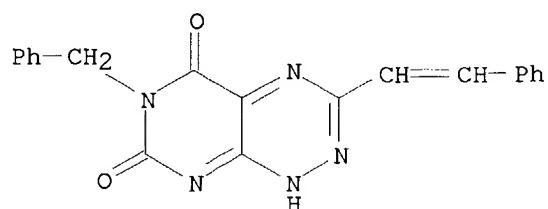
RN 52197-65-6 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3,4-dichlorophenyl)-6-(phenylmethyl)- (9CI) (CA INDEX NAME)



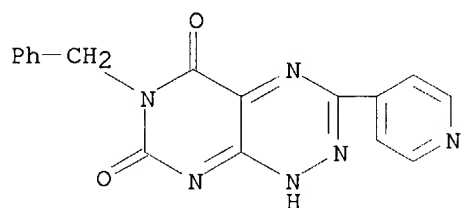
RN 52197-66-7 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(2-phenylethenyl)-6-(phenylmethyl)- (9CI) (CA INDEX NAME)



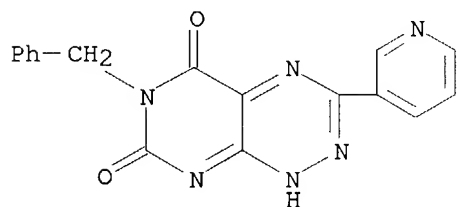
RN 52197-67-8 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-(phenylmethyl)-3-(4-pyridinyl)- (9CI) (CA INDEX NAME)



RN 52223-26-4 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-(phenylmethyl)-3-(3-pyridinyl)- (9CI) (CA INDEX NAME)



10/760,509

L5 ANSWER 97 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1974:24018 CAPLUS

DN 80:24018

TI Structure of reumycin

AU Esipov, S. E.; Kolosov, M. N.; Saburova, L. A.

CS Inst. Biochem. Physiol. Microorg., Pushchino, USSR

SO Journal of Antibiotics (1973), 26(9), 537-8

CODEN: JANTAJ; ISSN: 0021-8820

DT Journal

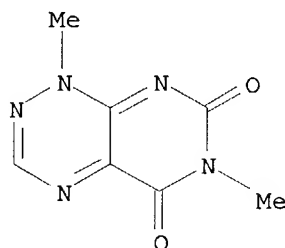
LA English

IT **84-82-2P**

RL: BSU (Biological study, unclassified); MFM (Metabolic formation); BIOL (Biological study); FORM (Formation, nonpreparative); PREP (Preparation) (formation of, from reumycin)

RN 84-82-2 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA INDEX NAME)

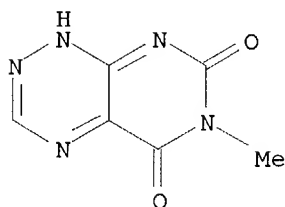


IT **5016-18-2**

RL: PRP (Properties)  
(structure of)

RN 5016-18-2 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl- (9CI) (CA INDEX NAME)



10/760,509

L5 ANSWER 98 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1973:546559 CAPLUS

DN 79:146559

TI 7-Azalumazines

IN Yoneda, Fumio; Chuma, Isso

SO Jpn. Tokkyo Koho, 16 pp.

CODEN: JAXXAD

DT Patent

LA Japanese

FAN.CNT 1

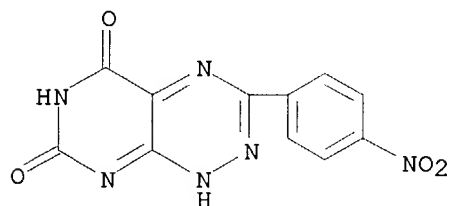
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 48025200	B4	19730726	JP 1970-35430	19700427
PRAI	JP 1970-35430		19700427		

IT **50650-71-0P**

RL: SPN (Synthetic preparation); PREP (Preparation)  
(preparation of)

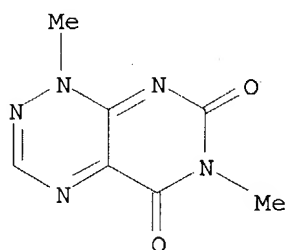
RN 50650-71-0 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-nitrophenyl)- (9CI)  
(CA INDEX NAME)

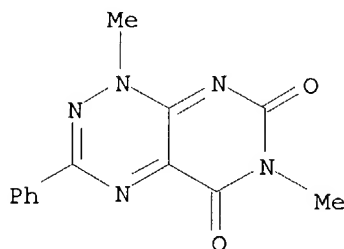


10/760,509

L5 ANSWER 99 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1973:514770 CAPLUS  
DN 79:114770  
TI Transmethylation from toxoflavines to nucleophiles  
AU Yoneda, Fumio; Nagamatsu, Tomohisa  
CS Fac. Pharm. Sci., Kumamoto Univ., Kumamoto, Japan  
SO Journal of the American Chemical Society (1973), 95(17), 5735-7  
CODEN: JACSAT; ISSN: 0002-7863  
DT Journal  
LA English  
OS CASREACT 79:114770  
IT **49700-73-4 49700-74-5 49700-75-6**  
**49700-76-7 49758-11-4**  
RL: PRP (Properties)  
(ESR of)  
RN 49700-73-4 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-, radical  
ion(1-) (9CI) (CA INDEX NAME)



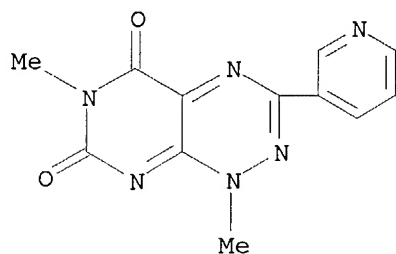
RN 49700-74-5 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-phenyl-,  
radical ion(1-) (9CI) (CA INDEX NAME)



RN 49700-75-6 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-(3-  
pyridinyl)-, radical ion(1-) (9CI) (CA INDEX NAME)

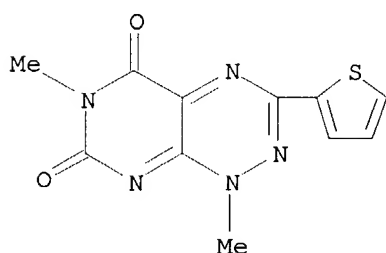


10/760,509



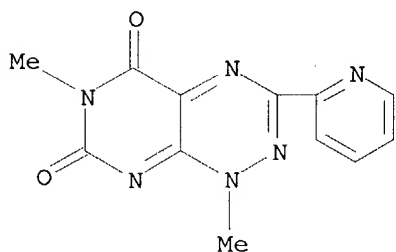
RN 49700-76-7 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-(2-thienyl)-, radical ion(1-) (9CI) (CA INDEX NAME)



RN 49758-11-4 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-(2-pyridinyl)-, radical ion(1-) (9CI) (CA INDEX NAME)



IT **49700-78-9P**

RL: SPN (Synthetic preparation); PREP (Preparation)  
(preparation of)

RN 49700-78-9 CAPLUS

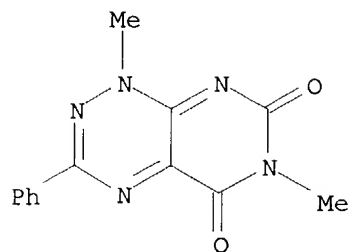
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-phenyl-,  
compd. with 1-methyl-1H-indole (1:1) (9CI) (CA INDEX NAME)

CM 1

CRN 32502-63-9

CMF C13 H11 N5 O2

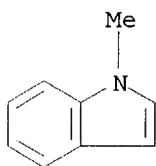
10/760,509



CM 2

CRN 603-76-9

CMF C9 H9 N



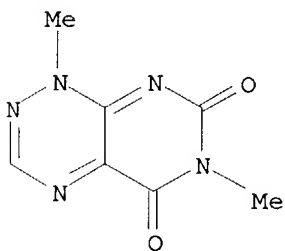
IT 84-82-2 32502-63-9

RL: PRP (Properties)

(transmethylation reaction of, with nucleophiles)

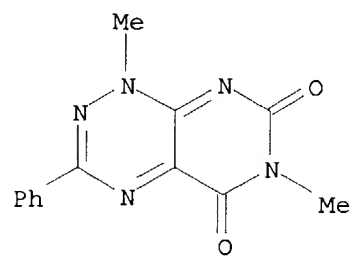
RN 84-82-2 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA INDEX NAME)



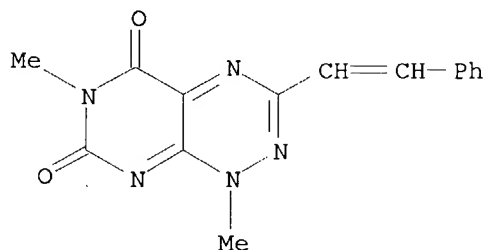
RN 32502-63-9 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-phenyl- (9CI) (CA INDEX NAME)

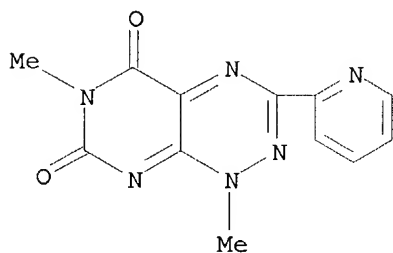


10/760,509

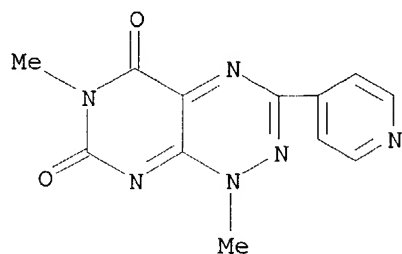
L5 ANSWER 100 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1973:466325 CAPLUS  
DN 79:66325  
TI Transformation of toxoflavines into fervenulins via 1-demethyltoxoflavines  
AU Yoneda, Fumio; Nagamatsu, Tomohisa  
CS Fac. Pharm. Sci., Kumamoto Univ., Kumamoto, Japan  
SO Tetrahedron Letters (1973), (17), 1577-80  
CODEN: TELEAY; ISSN: 0040-4039  
DT Journal  
LA English  
IT 32502-17-3 32502-18-4 32502-20-8  
32502-21-9 32502-62-8 42285-69-8  
RL: RCT (Reactant); RACT (Reactant or reagent)  
(demethylation of)  
RN 32502-17-3 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-(2-phenylethenyl)- (9CI) (CA INDEX NAME)



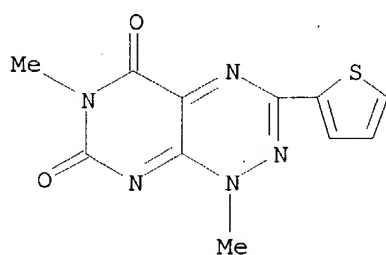
RN 32502-18-4 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-(2-pyridinyl)- (9CI) (CA INDEX NAME)



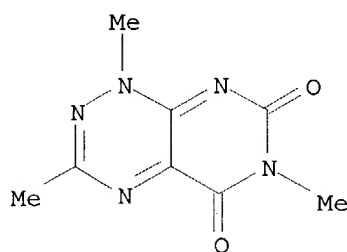
RN 32502-20-8 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-(4-pyridinyl)- (9CI) (CA INDEX NAME)



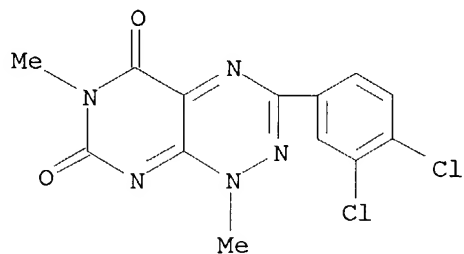
RN 32502-21-9 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-(2-thienyl)- (9CI) (CA INDEX NAME)



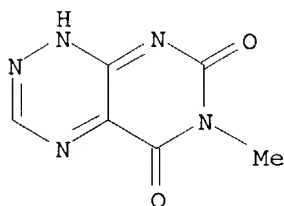
RN 32502-62-8 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,3,6-trimethyl- (9CI) (CA INDEX NAME)



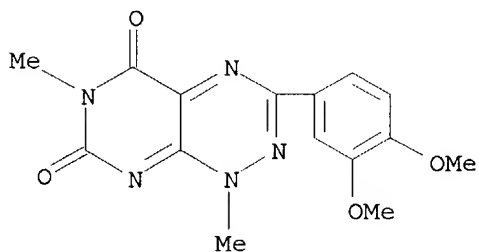
RN 42285-69-8 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3,4-dichlorophenyl)-1,6-dimethyl- (9CI) (CA INDEX NAME)



IT 5016-18-2P 32502-16-2P 42285-75-6P  
 42285-76-7P 42285-77-8P 42285-78-9P  
 42285-79-0P 42285-80-3P 42285-81-4P  
 42285-82-5P 42285-83-6P 42285-84-7P  
 RL: SPN (Synthetic preparation); PREP (Preparation)  
 (preparation of)  
 RN 5016-18-2 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl- (9CI) (CA  
 INDEX NAME)

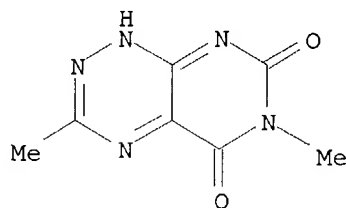


RN 32502-16-2 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3,4-dimethoxyphenyl)-  
 1,6-dimethyl- (9CI) (CA INDEX NAME)



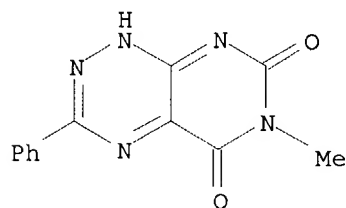
RN 42285-75-6 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3,6-dimethyl- (9CI) (CA  
 INDEX NAME)

10/760,509



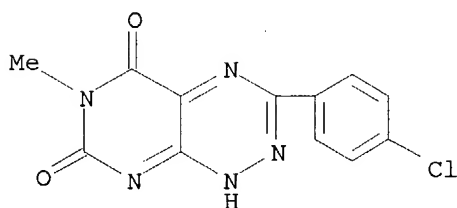
RN 42285-76-7 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-3-phenyl- (9CI)  
(CA INDEX NAME)



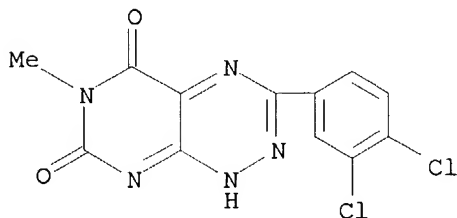
RN 42285-77-8 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-chlorophenyl)-6-methyl- (9CI) (CA INDEX NAME)



RN 42285-78-9 CAPLUS

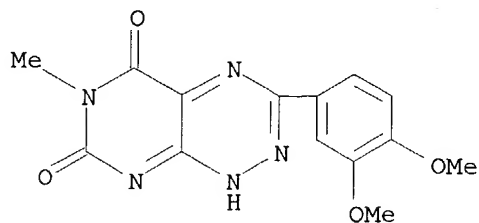
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3,4-dichlorophenyl)-6-methyl- (9CI) (CA INDEX NAME)



RN 42285-79-0 CAPLUS

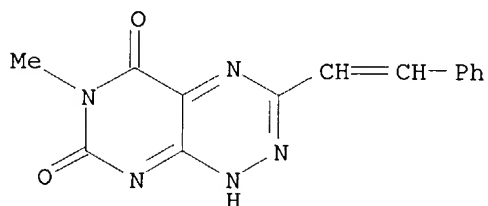
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3,4-dimethoxyphenyl)-6-methyl- (9CI) (CA INDEX NAME)

10/760,509



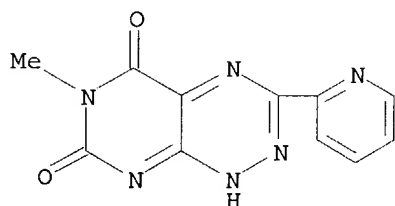
RN 42285-80-3 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-3-(2-phenylethenyl)- (9CI) (CA INDEX NAME)



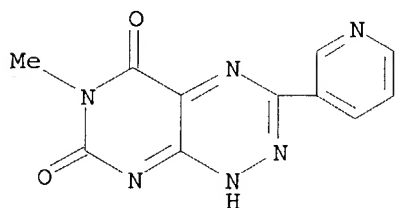
RN 42285-81-4 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-3-(2-pyridinyl)- (9CI) (CA INDEX NAME)



RN 42285-82-5 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-3-(3-pyridinyl)- (9CI) (CA INDEX NAME)

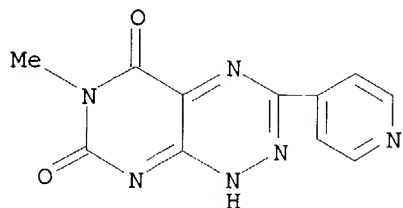


RN 42285-83-6 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-3-(4-pyridinyl)- (9CI) (CA INDEX NAME)

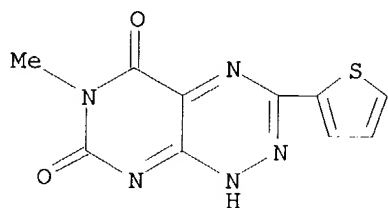


10/760,509



RN 42285-84-7 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-3-(2-thienyl)-  
(9CI) (CA INDEX NAME)



IT 84-82-2 32502-19-5 32502-63-9

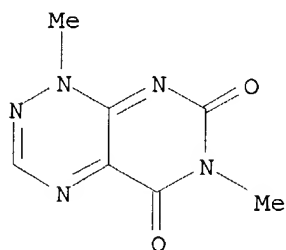
42285-61-0

RL: PROC (Process)

(transformation of, into fervenulins)

RN 84-82-2 CAPLUS

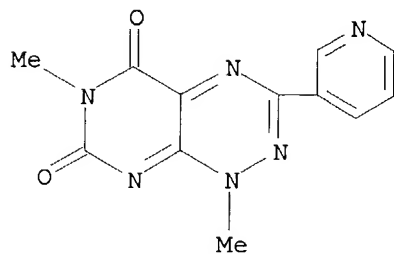
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA  
INDEX NAME)



RN 32502-19-5 CAPLUS

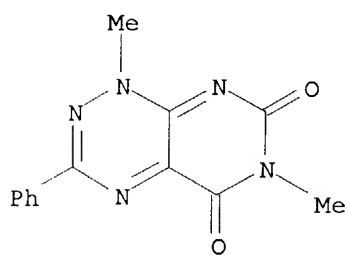
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-(3-  
pyridinyl)- (9CI) (CA INDEX NAME)

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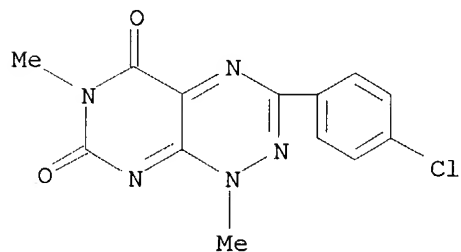
RN 32502-63-9 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-phenyl-  
(9CI) (CA INDEX NAME)



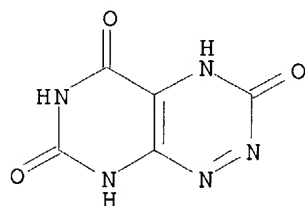
RN 42285-61-0 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-chlorophenyl)-1,6-  
dimethyl- (9CI) (CA INDEX NAME)

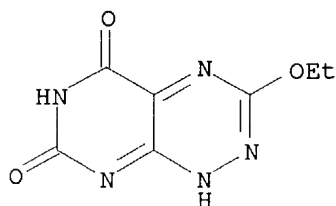


10/760,509

L5 ANSWER 101 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1973:466321 CAPLUS  
DN 79:66321  
TI Aza analogs of pteridine. VII. 3-Alkoxy-pyrimido[5,4-e]-as-triazines and  
some derivatives  
AU Brown, D. J.; Lynn, R. K.  
CS John Curtin Sch. Med. Res., Canberra, Australia  
SO Australian Journal of Chemistry (1973), 26(8), 1689-99  
CODEN: AJCHAS; ISSN: 0004-9425  
DT Journal  
LA English  
IT **31365-58-9P 42786-62-9P**  
RL: SPN (Synthetic preparation); PREP (Preparation)  
(preparation of)  
RN 31365-58-9 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-3,5,7(4H,6H,8H)-trione (9CI) (CA INDEX  
NAME)

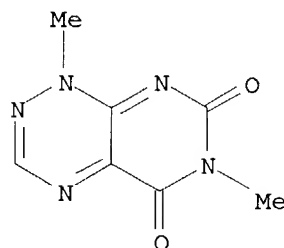


RN 42786-62-9 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,8H)-dione, 3-ethoxy- (9CI) (CA  
INDEX NAME)

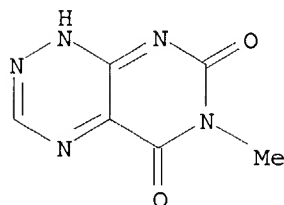


10/760,509

L5 ANSWER 102 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1973:404773 CAPLUS  
DN 79:4773  
TI Proton NMR study of the intermolecular interaction of pyrimidino[5,4-e]-as-  
triazines with purine bases in water  
AU Antonovskii, V. L.; Gukovskaya, A. S.; Esipov, S. E.; Yakovlev, G. I.  
CS Inst. Biokhim. Fiziol. Mikroorg., Pushchino-on-oka, USSR  
SO Izvestiya Akademii Nauk SSSR, Seriya Khimicheskaya (1973), (2), 480  
CODEN: IASKA6; ISSN: 0002-3353  
DT Journal  
LA Russian  
IT **84-82-2 5016-18-2**  
RL: PRP (Properties)  
(intermol. interaction with adenosine)  
RN 84-82-2 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA  
INDEX NAME)

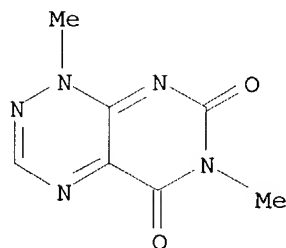


RN 5016-18-2 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl- (9CI) (CA  
INDEX NAME)

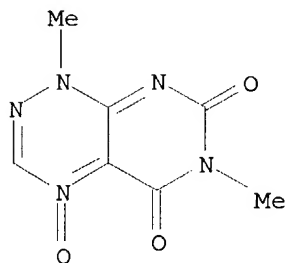


10/760,509

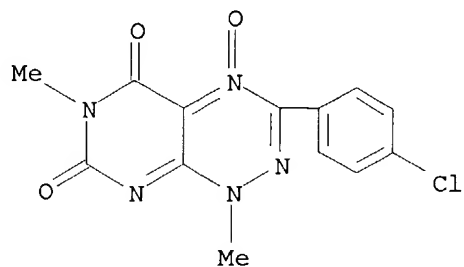
L5 ANSWER 103 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1971:405866 CAPLUS  
DN 75:5866  
TI Convenient synthesis of toxoflavines and toxoflavine N-oxides  
AU Yoneda, Fumio; Shinomura, Kazuko; Nishigaki, Sadao  
CS Sch. Med., Keio Univ., Tokyo, Japan  
SO Tetrahedron Letters (1971), (13), 851-4  
CODEN: TELEAY; ISSN: 0040-4039  
DT Journal  
LA English  
IT 84-82-2P 32496-14-3P 32496-15-4P  
32496-16-5P 32502-16-2P 32502-17-3P  
32502-18-4P 32502-19-5P 32502-20-8P  
32502-21-9P 32502-62-8P 32502-63-9P  
RL: SPN (Synthetic preparation); PREP (Preparation)  
(preparation of)  
RN 84-82-2 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA  
INDEX NAME)



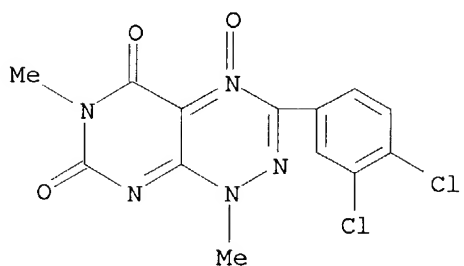
RN 32496-14-3 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-, 4-oxide  
(9CI) (CA INDEX NAME)



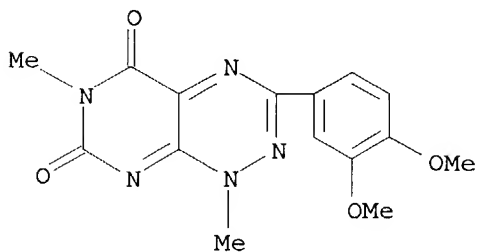
RN 32496-15-4 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-chlorophenyl)-1,6-  
dimethyl-, 4-oxide (9CI) (CA INDEX NAME)



RN 32496-16-5 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3,4-dichlorophenyl)-1,6-dimethyl-, 4-oxide (9CI) (CA INDEX NAME)

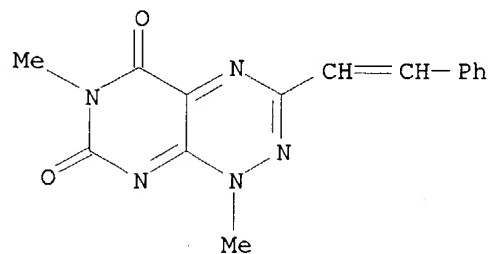


RN 32502-16-2 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3,4-dimethoxyphenyl)-1,6-dimethyl- (9CI) (CA INDEX NAME)



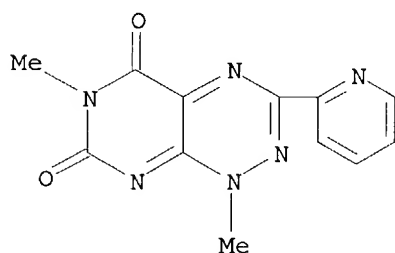
RN 32502-17-3 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-(2-methoxyphenyl)- (9CI) (CA INDEX NAME)

10/760,509



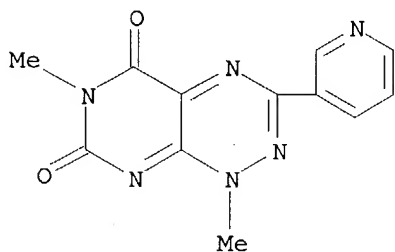
RN 32502-18-4 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-(2-pyridinyl)- (9CI) (CA INDEX NAME)



RN 32502-19-5 CAPLUS

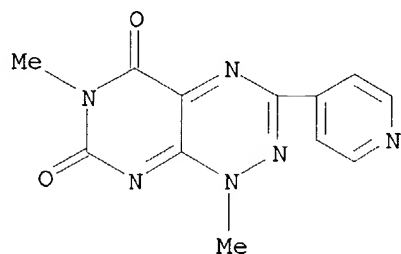
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-(3-pyridinyl)- (9CI) (CA INDEX NAME)



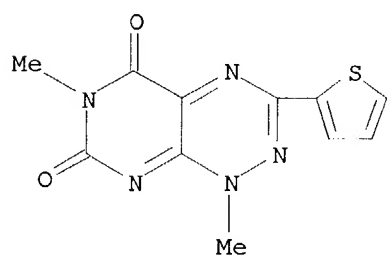
RN 32502-20-8 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-(4-pyridinyl)- (9CI) (CA INDEX NAME)

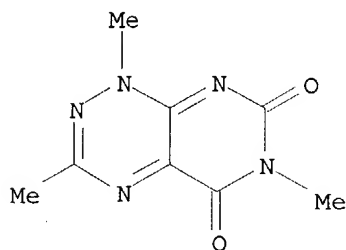
10/760,509



RN 32502-21-9 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-(2-thienyl)- (9CI) (CA INDEX NAME)

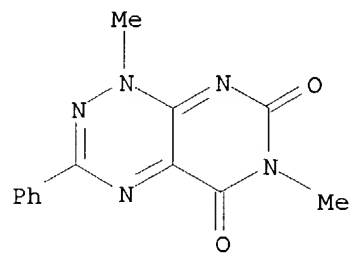


RN 32502-62-8 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,3,6-trimethyl- (9CI) (CA INDEX NAME)



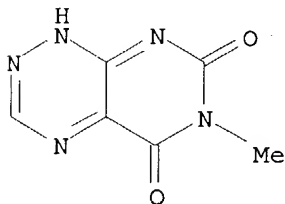
RN 32502-63-9 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-phenyl- (9CI) (CA INDEX NAME)





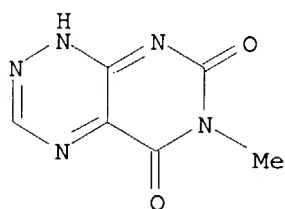
10/760,509

L5 ANSWER 104 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1971:403779 CAPLUS  
DN 75:3779  
TI Experimental study of the antitumor effect reumycin  
AU Navashin, S. M.; Fomina, I. P.; Terent'eva, T. G.; Koroleva, V. G.  
CS Natl. Inst. Antibiot., Moscow, USSR  
SO Progr. Antimicrob. Anticancer Chemother., Proc. Int. Congr. Chemother.,  
6th (1970), Meeting Date 1969, Volume 1, 119-21 Publisher: Univ. Park  
Press, Baltimore, Md.  
CODEN: 22PYAN  
DT Conference  
LA English  
IT **5016-18-2**, Reumycin  
RL: BAC (Biological activity or effector, except adverse); BSU (Biological  
study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES  
(Uses)  
(neoplasm inhibition by)  
RN 5016-18-2 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl- (9CI) (CA  
INDEX NAME)



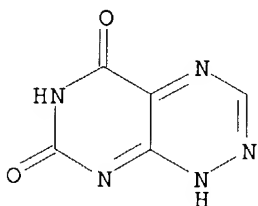
10/760,509

L5 ANSWER 105 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1971:85955 CAPLUS  
DN 74:85955  
TI Cytochemical analysis of the antineoplastic effect of reumycin  
AU Shtegel'man, L. A.  
CS Nat. Inst. Antibiot., Moscow, USSR  
SO Antibiotiki (Moscow) (1970), 15(11), 1021-5  
CODEN: ANTBAL; ISSN: 0003-5637  
DT Journal  
LA Russian  
IT 5016-18-2, Reumycin  
RL: BIOL (Biological study)  
(neoplasms inhibition by)  
RN 5016-18-2 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl- (9CI) (CA  
INDEX NAME)

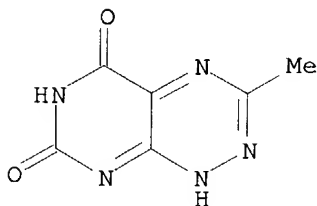


10/760,509

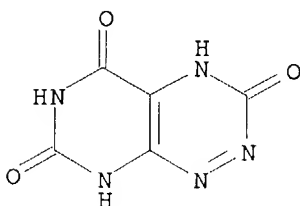
L5 ANSWER 106 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1971:61116 CAPLUS  
DN 74:61116  
TI Oxidation of 7-azapteridines by mammalian xanthine oxidase  
AU Bergmann, Felix; Levene, Lawrence; Neiman, Zohar; Brown, Desmond J.  
CS Hadassah Med. Sch., Hebrew Univ., Jerusalem, Israel  
SO Biochimica et Biophysica Acta (1970), 222(1), 191-6  
CODEN: BBACAQ; ISSN: 0006-3002  
DT Journal  
LA English  
IT **19359-69-4**  
RL: RCT (Reactant); RACT (Reactant or reagent)  
(oxidation of, by xanthine oxidase)  
RN 19359-69-4 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione (9CI) (CA INDEX NAME)



IT **20144-78-9 31365-58-9**  
RL: PRP (Properties)  
(phys. properties of)  
RN 20144-78-9 CAPLUS  
CN Pyrimido[5,4-e]-as-triazine-5,7(6H,8H)-dione, 3-methyl- (8CI) (CA INDEX NAME)



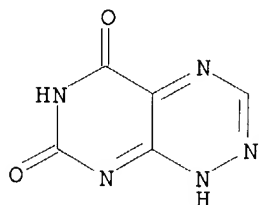
RN 31365-58-9 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-3,5,7(4H,6H,8H)-trione (9CI) (CA INDEX NAME)



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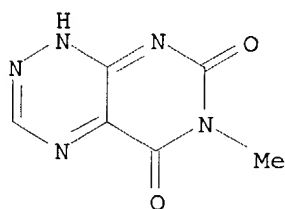
10/760,509

L5 ANSWER 107 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1969:438921 CAPLUS  
DN 71:38921  
TI Pyrimido[5,4-e]-as-triazines. III. Preparation and some reactions of  
5-substituted pyrimido[5,4-e]-as-triazines  
AU Temple, Carroll, Jr.; Kussner, Conrad L.; Montgomery, John A.  
CS Kettering-Meyer Lab., Southern Res. Inst., Birmingham, AL, USA  
SO Journal of Organic Chemistry (1969), 34(7), 2102-6  
CODEN: JOCEAH; ISSN: 0022-3263  
DT Journal  
LA English  
OS CASREACT 71:38921  
IT **19359-69-4P**  
RL: SPN (Synthetic preparation); PREP (Preparation)  
(preparation of)  
RN 19359-69-4 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione (9CI) (CA INDEX NAME)



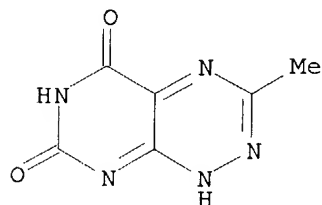
10/760,509

L5 ANSWER 108 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1969:18675 CAPLUS  
DN 70:18675  
TI Pharmacological studies on reumycin  
AU Veis, R. A.; Storozhev, I. A.  
CS Vses. Nauch.-Issled. Inst. Antibiot., Moscow, USSR  
SO Antibiotiki (Moscow) (1968), 13(11), 1014-21  
CODEN: ANTBAL; ISSN: 0003-5637  
DT Journal  
LA Russian  
IT **5016-18-2**, Reumycin  
RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
(pharmacology of)  
RN 5016-18-2 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl- (9CI) (CA  
INDEX NAME)



10/760,509

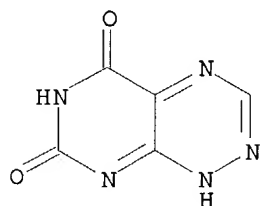
L5 ANSWER 109 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1968:506677 CAPLUS  
DN 69:106677  
TI Synthesis of 5,7-dioxo-3-methyl-5,6,7,8-tetrahydropyrimido[5,4-e]-as-  
triazine  
AU Zee-Cheng, Kwang-Yuen; Cheng, C. C.  
CS Midwest Res. Inst., Kansas City, MO, USA  
SO Journal of Medicinal Chemistry (1968), 11(5), 1107-8  
CODEN: JMCMAR; ISSN: 0022-2623  
DT Journal  
LA English  
IT **20144-78-9P**  
RL: SPN (Synthetic preparation); PREP (Preparation)  
(preparation of)  
RN 20144-78-9 CAPLUS  
CN Pyrimido[5,4-e]-as-triazine-5,7(6H,8H)-dione, 3-methyl- (8CI) (CA INDEX  
NAME)





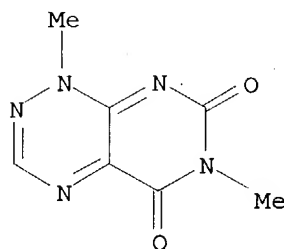
10/760,509

L5 ANSWER 110 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1968:477244 CAPLUS  
DN 69:77244  
TI Preparation of pyrimido[5,4-e]-as-triazine-5,7(6H,8H)-dione  
AU Temple, Carroll, Jr.; Kussner, Conrad L.; Montgomery, John A.  
CS Kettering-Meyer Lab., Southern Res. Inst., Birmingham, AL, USA  
SO Journal of Heterocyclic Chemistry (1968), 5(4), 581-2  
CODEN: JHTCAD; ISSN: 0022-152X  
DT Journal  
LA English  
IT **19359-69-4P**  
RL: SPN (Synthetic preparation); PREP (Preparation)  
(preparation of)  
RN 19359-69-4 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione (9CI) (CA INDEX NAME)



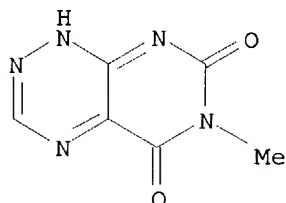
10/760,509

L5 ANSWER 111 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1968:475298 CAPLUS  
DN 69:75298  
TI Bongkrek toxins  
AU Van Veen, A. G.  
CS Cornell Univ., Ithaca, NY, USA  
SO Biochem. Some Foodborne Microbial Toxins, Pap. Symp., New York (1967),  
Meeting Date 1966, 43-50. Editor(s): Mateles, Richard I. Publisher:  
M.I.T. Press, Cambridge, Mass.  
CODEN: 19FKA3  
DT Conference  
LA English  
IT **84-82-2**  
RL: FORM (Formation, nonpreparative)  
(formation of, by Pseudomonas cocovenenans, properties and toxicity of)  
RN 84-82-2 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA  
INDEX NAME)



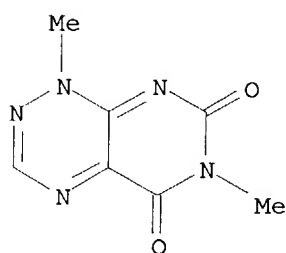
10/760,509

L5 ANSWER 112 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1968:442601 CAPLUS  
DN 69:42601  
TI Effect of reumycin on blood formation in healthy animals and animals with  
some forms of experimental leukosis  
AU Khanykova, O. K.; Koropov, I. V.  
CS Tsent. Inst. Gematol. Pereliv. Krovi, Moscow, USSR  
SO Antibiotiki (Moscow) (1968), 13(6), 501-5  
CODEN: ANTBAL; ISSN: 0003-5637  
DT Journal  
LA Russian  
IT **5016-18-2**, Reumycin  
RL: BIOL (Biological study)  
(in treatment of experimental leukosis)  
RN 5016-18-2 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl- (9CI) (CA  
INDEX NAME)



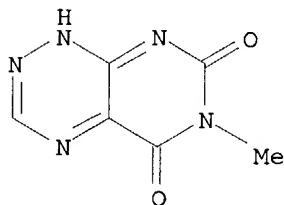
10/760,509

L5 ANSWER 113 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1968:409066 CAPLUS  
DN 69:9066  
TI The hypothesis that isoniazid acts via isonicotinic acid  
AU Seydel, Joachim K.; Wempe, Ellen; Nestler, Hans Juergen  
CS Inst. Exp. Biol. Med., Forschungsinst. Borstel, Borstel, Fed. Rep. Ger.  
SO Arzneimittel-Forschung (1968), 18(3), 362-7  
CODEN: ARZNAD; ISSN: 0004-4172  
DT Journal  
LA German  
IT **84-82-2**  
RL: BIOL (Biological study)  
(Mycobacterium tuberculosis inhibition by)  
RN 84-82-2 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA  
INDEX NAME)



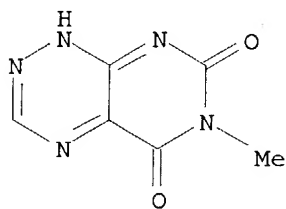
10/760,509

L5 ANSWER 114 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1968:1837 CAPLUS  
DN 68:1837  
TI Antitumor activity of reumycin  
AU Navashin, S. M.; Fomina, I. P.; Koroleva, V. G.; Terent'eva, T. G.;  
Shtegel'man, L. A.  
CS Vses. Nauch.-Issled. Inst. Antibiot., Moscow, USSR  
SO Antibiotiki (Moscow) (1967), 12(10), 892-8  
CODEN: ANTBAL; ISSN: 0003-5637  
DT Journal  
LA Russian  
IT **5016-18-2**, Reumycin  
RL: BAC (Biological activity or effector, except adverse); BSU (Biological  
study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES  
(Uses)  
(as neoplasm inhibitor)  
RN 5016-18-2 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl- (9CI) (CA  
INDEX NAME)



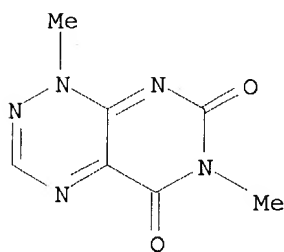
10/760,509

L5 ANSWER 115 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1966:67802 CAPLUS  
DN 64:67802  
OREF 64:12676h,12677a-b  
TI Synthesis of 1-demethyltoxoflavin(8-demethylfervenulin)  
AU Liao, T. K.; Baiocchi, Fred; Cheng, C. C.  
CS Midwest Res. Inst., Kansas City, MO  
SO Journal of Organic Chemistry (1966), 31(3), 900-2  
CODEN: JOCEAH; ISSN: 0022-3263  
DT Journal  
LA English  
IT **5016-18-2**, Pyrimido[5,4-e]-as-triazine-5,7(1H,6H)-dione, 6-methyl-  
(synthesis of)  
RN 5016-18-2 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl- (9CI) (CA  
INDEX NAME)



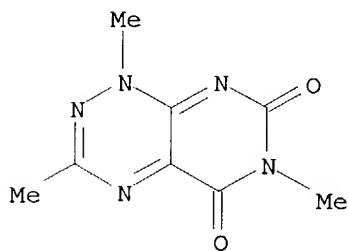
10/760,509

L5 ANSWER 116 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1966:53902 CAPLUS  
DN 64:53902  
OREF 64:10116d-f  
TI Biosynthesis of toxoflavine, and azapteridine antibiotic produced by  
Pseudomonas cocovenenans  
AU Levenberg, Bruce; Linton, Sandra N.  
CS Univ. of Michigan, Ann Arbor  
SO Journal of Biological Chemistry (1966), 241(4), 846-52  
CODEN: JBCHA3; ISSN: 0021-9258  
DT Journal  
LA English  
IT **84-82-2**, Pyrimido[5,4-e]-as-triazine-5,7(1H,6H)-dione,  
1,6-dimethyl-  
(as structure for toxoflavine)  
RN 84-82-2 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA  
INDEX NAME)



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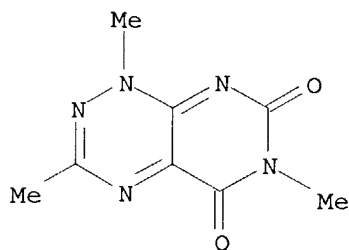
L5 ANSWER 117 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1965:29148 CAPLUS  
DN 62:29148  
OREF 62:5141g-h  
TI The separation of ristomycin variants  
AU Lavrova, M. F.; Lomakina, N. N.; Babenko, G. A.; Brazhnikova, M. G.  
CS Res. Inst. New Antibiotics, Moscow  
SO Antibiotiki (1964), 9(10), 885-90  
DT Journal  
LA Unavailable  
IT **32502-62-8**, Pyrimido[5,4-e]-as-triazine-5,7(1H,6H)-dione,  
1,3,6-trimethyl-  
(polarographic determination of)  
RN 32502-62-8 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,3,6-trimethyl- (9CI)  
(CA INDEX NAME)





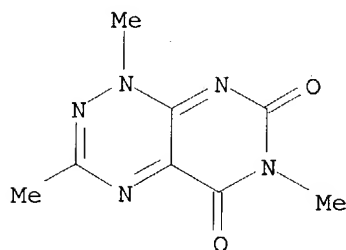
10/760,509

L5 ANSWER 118 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1965:29147 CAPLUS  
DN 62:29147  
OREF 62:5141f-g  
TI Classical polarography in the determination of antibiotics  
AU Kramarczyk, K.; Berg, H.  
CS Deut. Akad. Wiss., Berlin  
SO Abhandl. Deut. Akad. Wiss. Berlin, Kl. Chem., Geol. Biol. (1964), (1),  
23-36  
DT Journal  
LA German  
IT 32502-62-8, Pyrimido[5,4-e]-as-triazine-5,7(1H,6H)-dione,  
1,3,6-trimethyl-  
(polarographic determination of)  
RN 32502-62-8 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,3,6-trimethyl- (9CI)  
(CA INDEX NAME)



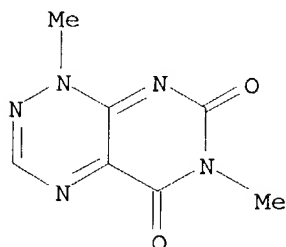
10/760,509

L5 ANSWER 119 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1964:75381 CAPLUS  
DN 60:75381  
OREF 60:13242d-g  
TI Structure and total synthesis of planomycin  
AU Tanabe, Kazuo; Asahi, Yutaka; Nishikawa, Masao; Shima, Takashi; Kuwada, Yutaka; Kanzawa, Tokunosuke; Ogata, Koichi  
CS Takeda Res. Lab., Osaka, Japan  
SO Takeda Kenkyusho Nenpo (1963), 22, 133-9  
CODEN: TDKNAF; ISSN: 0371-5973  
DT Journal  
LA Unavailable  
IT **32502-62-8**, Pyrimido[5,4-e]-as-triazine-5,7(1H,6H)-dione, 1,3,6-trimethyl- (planomycin and)  
RN 32502-62-8 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,3,6-trimethyl- (9CI) (CA INDEX NAME)

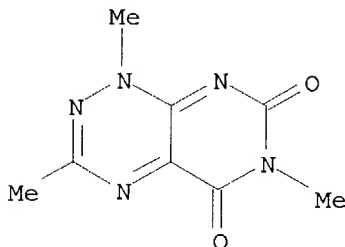


10/760,509

L5 ANSWER 120 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1962:429649 CAPLUS  
DN 57:29649  
OREF 57:5914g-i  
TI Antibiotics. I. Synthesis of 1,6-dimethyl-5,7-dioxo-1,5,6,7-tetrahydropyrimido[5,4-e]-as-triazine (toxoflavin) and related compounds  
AU Daves, G. Doyle, Jr.; Robins, Roland K.; Cheng, C. C.  
CS Midwest Res. Inst., Kansas City, MO  
SO Journal of the American Chemical Society (1962), 84, 1724-9  
CODEN: JACSAT; ISSN: 0002-7863  
DT Journal  
LA Unavailable  
IT **84-82-2**, Pyrimido[5,4-e]-as-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- **32502-62-8**, Pyrimido[5,4-e]-as-triazine-5,7(1H,6H)-dione, 1,3,6-trimethyl- (preparation of)  
RN 84-82-2 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA INDEX NAME)

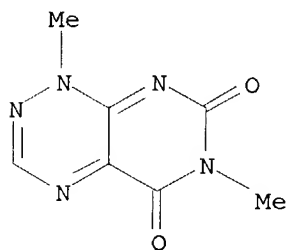


RN 32502-62-8 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,3,6-trimethyl- (9CI) (CA INDEX NAME)



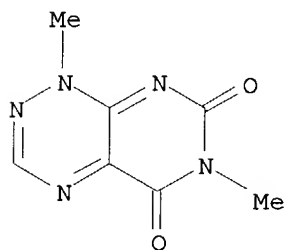
10/760,509

L5 ANSWER 121 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1962:79424 CAPLUS  
DN 56:79424  
OREF 56:15505f-i  
TI Total synthesis of toxoflavine  
AU Daves, G. Doyle, Jr.; Robins, Roland K.; Cheng, C. C.  
CS Midwest Research Inst., Kansas City, MO  
SO Journal of the American Chemical Society (1961), 83, 3904-5  
CODEN: JACSAT; ISSN: 0002-7863  
DT Journal  
LA Unavailable  
IT **84-82-2**, Pyrimido[5,4-e]-as-triazine-5,7(1H,6H)-dione,  
1,6-dimethyl-  
(as structure of toxoflavine)  
RN 84-82-2 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA  
INDEX NAME)



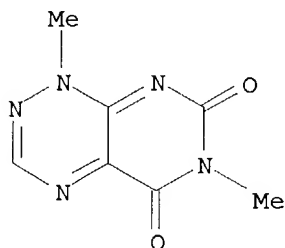
10/760,509

L5 ANSWER 122 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1962:73500 CAPLUS  
DN 56:73500  
OREF 56:14288e-f  
TI Structure of fervenulin, a new antibiotic  
AU Daves, G. Doyle, Jr.; Robins, Roland K.; Cheng, C. C.  
CS Midwest Research Inst., Kansas City, MO  
SO Journal of Organic Chemistry (1961), 26, 5256-7  
CODEN: JOCEAH; ISSN: 0022-3263  
DT Journal  
LA Unavailable  
IT **84-82-2**, Pyrimido[5,4-e]-as-triazine-5,7(1H,6H)-dione,  
1,6-dimethyl-  
(preparation of)  
RN 84-82-2 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA  
INDEX NAME)



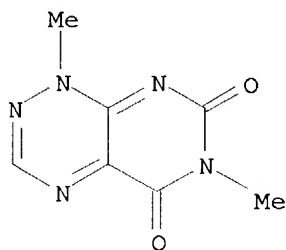
10/760,509

L5 ANSWER 123 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1962:40970 CAPLUS  
DN 56:40970  
OREF 56:7792a-c  
TI Origin of the toxicity of toxoflavine  
AU Latuasan, H. E.; Berends, W.  
CS Technol. Univ., Delft, Neth.  
SO Biochimica et Biophysica Acta (1961), 52, 502-8  
CODEN: BBACAQ; ISSN: 0006-3002  
DT Journal  
LA English  
IT **84-82-2**, Pyrimido[5,4-e]-as-triazine-5,7(1H,6H)-dione,  
1,6-dimethyl-  
(effect on microorganisms)  
RN 84-82-2 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA  
INDEX NAME)



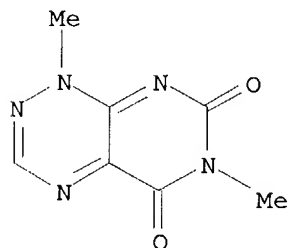
10/760,509

L5 ANSWER 124 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1962:40969 CAPLUS  
DN 56:40969  
OREF 56:7791h-i,7792a  
TI Mode of action of vancomycin  
AU Reynolds, P. E.  
CS Univ. Cambridge, UK  
SO Biochimica et Biophysica Acta (1961), 52, 403-5  
CODEN: BBACAQ; ISSN: 0006-3002  
DT Journal  
LA English  
IT **84-82-2**, Pyrimido[5,4-e]-as-triazine-5,7(1H,6H)-dione,  
1,6-dimethyl-  
(effect on microorganisms)  
RN 84-82-2 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA  
INDEX NAME)



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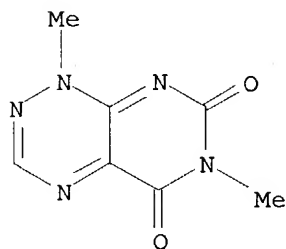
L5 ANSWER 125 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1961:131343 CAPLUS  
DN 55:131343  
OREF 55:24781h-i  
TI Toxoflavine  
AU Hellendoorn, A. S.; ten Cate-Dhont, R. M.; Peerdeman, A. F.  
CS Lab. Kristalchem., Utrecht, Neth.  
SO Recueil des Travaux Chimiques des Pays-Bas et de la Belgique (1961), 80,  
307-8  
CODEN: RTCPB4; ISSN: 0370-7539  
DT Journal  
LA Unavailable  
IT **84-82-2**, Toxoflavine  
(structure of)  
RN 84-82-2 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA  
INDEX NAME)





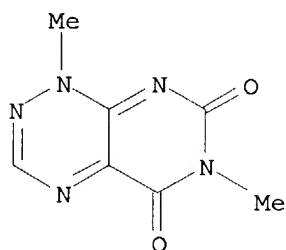
10/760,509

L5 ANSWER 126 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1961:131342 CAPLUS  
DN 55:131342  
OREF 55:24780i,24781a-h  
TI New triazine derivatives with diuretic action. II. The diuretic action of  
2,4-diamino-s-triazines  
AU Szabo, Laszlo; Szporny, Laszlo; Clauder, Otto  
CS Orvostudományi Egyetem, Budapest  
SO Acta Pharmaceutica Hungarica (1961), 31, 163-72  
CODEN: APHGAO; ISSN: 0001-6659  
DT Journal  
LA Hungarian  
IT **84-82-2**, Pyrimido[5,4-e]-as-triazine-5,7(1H,6H)-dione,  
1,6-dimethyl-  
(preparation of)  
RN 84-82-2 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA  
INDEX NAME)



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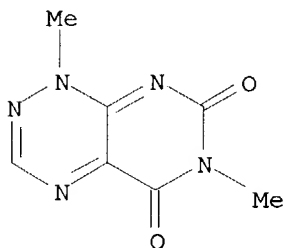
L5 ANSWER 127 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1960:88176 CAPLUS  
DN 54:88176  
OREF 54:16745d-h  
TI Toxoflavine, the yellow poison of *Pseudomonas cocovenenans*  
AU van Damme, P. A.; Johannes, A. G.; Cox, H. C.; Berenda, W.  
CS Univ. Delft, Neth.  
SO Rev. trav. chim. (1960), 79, 255-67  
DT Journal  
LA English  
IT **84-82-2**, Pyrimido[5,4-e]-as-triazine-5,7(1H,6H)-dione,  
1,6-dimethyl-  
(as toxoflavine)  
RN 84-82-2 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA  
INDEX NAME)



(structure of

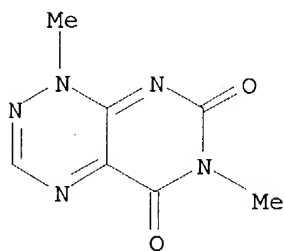
10/760,509

L5 ANSWER 128 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1954:72329 CAPLUS  
DN 48:72329  
OREF 48:12875h-i,12876a  
TI Xanthothricin, a new antibiotic  
AU Machlowitz, Roy A.; Fisher, W. P.; McKay, Betsey S.; Tytell, Alfred A.;  
Charney, Jesse  
CS Merck & Co., Inc., West Point, PA  
SO Antibiotics and Chemotherapy (Washington, D. C.) (1954), 4, 259-61  
CODEN: ANTCAO; ISSN: 0570-3123  
DT Journal  
LA Unavailable  
IT **84-82-2**, Xanthothricin  
(preparation of)  
RN 84-82-2 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA  
INDEX NAME)



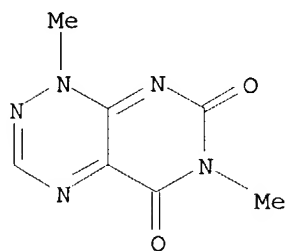
10/760,509

L5 ANSWER 129 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1938:33047 CAPLUS  
DN 32:33047  
OREF 32:4593a-f  
TI Toxoflavin, an isomer of 1-methylxanthine  
AU van Veen, A. G.; Baars, J. K.  
SO Recueil des Travaux Chimiques des Pays-Bas et de la Belgique (1938), 57,  
248-64  
CODEN: RTCPB4; ISSN: 0370-7539  
DT Journal  
LA German  
IT **84-82-2**, Toxoflavin  
(and derivs.)  
RN 84-82-2 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA  
INDEX NAME)



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L5 ANSWER 130 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1937:47780 CAPLUS  
DN 31:47780  
OREF 31:6619d-f  
TI Constitution of toxoflavin  
AU van Veen, A. G.; Baars, J. K.  
SO Proc. Acad. Sci. Amsterdam (1937), 40, 498-505  
DT Journal  
LA Unavailable  
IT **84-82-2**, Toxoflavin  
(constitution of)  
RN 84-82-2 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA  
INDEX NAME)



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L5 ANSWER 131 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1935:39481 CAPLUS

DN 29:39481

OREF 29:5138e-g

TI Oxidation-reduction potentials of toxoflavin

AU Stern, Kurt G.

SO Stern. Biochem. J. (1935), 29, 500-8

DT Journal

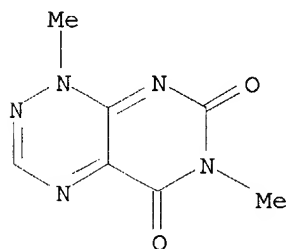
LA Unavailable

IT 84-82-2, Toxoflavin

(oxidation-reduction potential of)

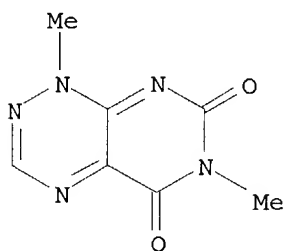
RN 84-82-2 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA INDEX NAME)



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L5 ANSWER 132 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1934:36839 CAPLUS  
DN 28:36839  
OREF 28:4420d-i  
TI Toxoflavin, the yellow poison of bongkrek  
AU van Veen, A. G.; Mertens, W. K.  
SO Recueil des Travaux Chimiques des Pays-Bas et de la Belgique (1934), 53,  
398-404  
CODEN: RTCPB4; ISSN: 0370-7539  
DT Journal  
LA Unavailable  
IT **84-82-2**, Toxoflavin  
(preparation of)  
RN 84-82-2 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA  
INDEX NAME)



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COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

432.96

589.01

STN INTERNATIONAL LOGOFF AT 11:24:08 ON 07 NOV 2004